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cttttttcca tccaaggtgg tacaggaatt aaggtttgta attacttggt gtgccttttag 600
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<210> 3710
<211> 3219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3220)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(2744)
<223> similar to gi4927370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cgtcagcggc ccatgccgag gctcaccttc caggcggggg acccctacta catcagcaag 600
cgcaagcggg acgagtggct ggcacgctgg aaaaggagg ctgagaagaa agccaagggtc 660
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gaggccagcc ctctgctgt gcagcagccc actgacccc catccccac tgtggctacc 780
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cggggcttct	cctggtggcc	aggccgcatt	gtgtcttgg	ggatgacggg	ccggagccga	960
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aatcagtaac	aaaaaatagt	aacaatacct	tgcagaggaa	aggtgggagg	agaggaaaaa	3180
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<210> 3711

<211> 3698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3699)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(3269)

<223> similar to gi806562 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ggctcataca	caacactacc	agagacccgg	gacactgttc	acgttaagga	agtgaccaag	300
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gatgtcgctt	acagaaaaga	tgccaaagag	aacctgcatt	acaccacagt	ggctgatcga	480
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aagcaccgca	aggaaggcag	ccatggctta	agcatgctcg	gtcgcccaga	catagaaatg	600
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aagggcaaga	caccaaata	caatccaaaa	gacagccagc	tctacaaagt	catgaaagat	720
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gtgcactaag	catcagtggg	ggtgaggaga	agtctgagca	ttcagaagca	ccagaccacc	2940
acctttcgac	ttacagcgac	gggggtgtct	ttgcagtctc	aacagcttac	aaacatgcaa	3000

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<210> 3712
<211> 1022
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1016)...(57)
<223> similar to gi219430 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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caaagaatta tctaagtctt ctagcttctg gctcagctcc actttccaga ctccatctga 180
accaactttc tgtgggtagt gaggtttgaa cccttgaggg tgctgcacaa acttgaggta 240
tccgttgaag gcaaggaaaag ggaaggagga gaagaagggg gagaagcagc tctcctggca 300
gacgcttggg aaaggatatt aggccaggac ttcatggaga agcaagaaag atgaggatag 360
gtgttattag aagaagctgc agactgagag gtagatgtgg tgttaggatt aggggagcag 420
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ttctctttgt gcaagcttga ctggaggtgt tggctaagtg cttcattccc actgatagcc 540
acatcacagg caagacactg atatttgctg actgggacac gaagcactgt ctcttgaggg 600
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gtaagtgtct gaaaagtctg cacttttgga ttctaactgg ggttcttctt ttgtgctttc 780
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aa 1022

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<210> 3713
<211> 553

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<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(537)  
 <223> similar to gi3184264 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3713  
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 ctgagctgcc tgccagatgt ggaaagggcc acgctgacgc ttctcctgga ccacctgcgc 240  
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 gggcctgtgc tgctgccggc acgccaggcg cccacaaggc ctggtgcccg cagctccggc 360  
 ccaggccttg ccagtgcagt ggacttcaag caccacatcg aggtgctgca ctacctgctg 420  
 cagtcttggc cagatccccg cctgccccga caatctccag atgtcgcgcc ttacttgcca 480  
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 tgaacattga aaa 553

<210> 3714  
 <211> 1264  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> similar to gi2695708 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3714  
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 tttaacgcca tgtttgaaac tgaaatggaa gaaagcaaaa agaatcgagt ggaaataaat 180  
 gatttagacc ctgaagtttt taaagaaatg atgagattca ttacacagg gagagcacca 240  
 aaccttgaca aaatggctga caacttggtg gcagctgcag acaaatatgc actggaacgg 300  
 ctgaagggtca tgtgcgaaaa agctttgtgt agtaacctct cagtagagaa tgttgagat 360  
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 tcatttagta gcagaagcct ttgcagcact agcatctgca cagggtccac agtttgcat 600  
 tccacgcaaa cggctaaaac agtcctgaaa tcttccatga acagttgaaa aatggaattg 660  
 actttcactc ctccaggtcc agaaggattc taatacacia accataagca agagttgttt 720  
 ctgttatgtt gtccacagaa cagaagctga aaaagcatat tgcttgcatc tcaggtggat 780  
 aatttatggt ttattcttca gctttaaatt agactgatta attcacttca aggccttaaa 840

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gaagatacta	agtttcaaaa	ggatcttcca	ttattttgca	aaaagaaaaa	tgaattttat	1020
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gtaagttatg	gcaatacact	gcttcaattc	taatttat	ttcatttcag	ggggcaaata	1200
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tcca						1264

<210> 3715  
 <211> 1455  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)..(1456)  
 <223> similar to gi5441940 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gtatacatca	caaggggtcc
gtacatctgg	gaaaaagctt
cagtggactt	gctgttatag
ctcaaaagat	gtttacagac
atcagctacc	gatattgaat
catgaaggaa	accatcaa
tttatatcct	gattgccaca
agaagacgaa	gtcttgagga
atatccttct	atcggtgtct
caaatttcgg	gtgcatgaat
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taccttcact	tgaaccctgc
gtgaaaggaa	aagcatctga
tgttatcagg	gatatgaagg
ggggtttccc	cttctcctgg
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acagaacata	agttttacaa
acatccccgc	tggaggattt
cagtgggccc	ggaactggaa
tccgatatgg	gaaagaatgt
gaagaaagtg	caaaagcttt
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ccagagctgc	tgaggatg
agatgtggaa	cgcgcccagt
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tactgctttt	agcaagttat

<210> 3716  
 <211> 1296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1297)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1291)...(470)  
 <223> similar to gi57671 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3716

tttttttttt	ttgggaatgc	tctcaccttt	atctctctca	atatacccgt	gatacagata	60
tttcatatgt	aacaaagata	aggatgtgtg	caggtataaa	acagaggcag	aatcatggct	120
aaaacatcta	gcccagcaat	gaactcatta	tccctgaggg	gtaaggggcg	ggggaggaga	180
ggagtcacag	gcagttcacc	cacacctggg	aaaatcgatg	acttcatgga	gaatgaatga	240
ctcgggggga	ttcagatcat	gaagtcatga	gaagaaaggc	ctttcttccc	agggatgatg	300
tttctcagta	tcaataatca	gttgtcgggt	ttttttcttc	tatttcttcc	agcagcttaa	360
ttgaagttcc	atcaattnaa	agtccatcta	ttttcaaacc	tgagtgtccc	ggaggggtgcc	420
cactggaaca	tgtcaagggt	tcaaaacagc	atcttcactc	ccactagaac	cccaagggat	480
tctgacccca	ggtccagagt	gacgaggctc	tgggttgagc	ctgagggcag	agcagaggtc	540
ttcacaactg	aacggaggga	tggaaacatc	ccacaaccac	agacatctca	agttgcacag	600
tggtttcctc	aaagcctcac	acaggaactt	cattccctta	actcctatgt	gattcagccc	660
cagatccaaa	cacaacaggc	ttgatttttc	ttggagaagc	tttgtgagat	cgcagcagcc	720
atcgctagtt	atgtcgcagt	tccaaagcac	caaggtctgc	agtttacact	cgggggtacct	780
caagccctca	cacagaaact	tcacccctgt	attcccaatg	gggttcttgg	ccaagcacag	840
gtgtgtcagc	tcccggctga	caaccaacac	agcagcaagg	tccttgcaat	tggcttctgt	900
aaggtgacag	ttttccaacg	acaacctctg	cagaaagcac	ttgggggtgtc	tcaaagttgt	960
gtacagcaac	ttagcaccct	catccagaag	ctcattgtcg	gagaggttta	cgcacgtcag	1020
ggactggttg	acttcaaggg	ccaaggagag	atcagcccac	tgctgagtgg	tagcgggaaca	1080
agacaccaac	ccgagatata	gcaggttaca	ttctggatgt	ctcaagacct	cacacaatgc	1140
gggaaacata	tcatcctggg	cattgccttg	aagggtcaga	tacgttacag	tcttgtgacc	1200
tcgaagagct	aggcagaggt	tccgatgagc	atcagctggg	gaaatgtttt	tgaacaccac	1260
tctctggaga	tgacaggtgt	cagaggctat	ttgttc			1296

<210> 3717  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (674)...(108)  
 <223> similar to gi473969 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3717  
tttttttttt ttgtggtaaa caaaagcttt attatttttt ctttcattaa aaaaatggag 60  
cactgaagag aaacagagtt tggacccctg gggtcacccc aactaagca aaatagcccc 120  
agataaagat ggcgcagctc acgcagaaaa tgaggttgac gtccaggagg gtcttcacca 180  
aggggttttc ttccaggga actatgatgg cttctgctct ggccgggagc tcttccttgc 240  
ccttctcctg tattccacag agccacagga tggccttcac cactttggac tgctttgggg 300  
tcatgtcaca gctgtgggtt ttagacgtgt tttcttgaa catctcgaac tggacgctgc 360  
tgctgctgct ggcctctggc atcccgttct gagagagggt aagagacaag ggagctgctg 420  
gtgggtgcttg ttccttctgg accacgggggt cgtgacgagt aaaccaggtc aggtggctga 480  
ccatctcctt ggagggtggc tctgtgaacc agctcacggg ggagacagtg atgagggtga 540  
ccgtggacag gatcatggag aagtagagggt agtgaatgct cttcaccagg accgggcgct 600  
catctggctg gtcgcatcga ggctgcacgt aaataaagtc caggaccagc ctaaccaagg 660  
cccaggagca gg 672

<210> 3718  
<211> 908  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (886)...(574)  
<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3718  
cgcgcccgac ccacgcgtcc gttttaatca cacctcaatc tgttgtagtc ataagagtaa 60  
ttatattgat gagaagccaa attaaaatta aaaatgtggc aaagacttcc aattctagtc 120  
agttcttaat gtaattccta ctgaagaaaa cacctggaaa tacaaaaaat gtggcaaaac 180  
ttgtaaccaa tgcttagcat ttttgcacat gatagtattt atatgtgaga ctacttgtag 240  
aaacataaaa atatacaaaa gctattgtct acttgaaatt tatagttaat aaaagcatta 300  
taaagtgaat ttctgttgaa agacctttta gaaaatatag gccattaaag tgaagaatag 360  
tcttaagaca gagaatacaa agataaagag ggctctagta cctgtacttg tatcccagaa 420  
cttactatat gcatttttga ctagaggaaa actctgaagc agttgcttaa actttgttca 480  
acatcagaga atttatattg gagagaaatc ctacaaatgt aataaatgtg gaaaaacctc 540  
tgttcagaaa ctgcagggtta agaaaccaga ggccaggcgc ggtggctcac gcctgtaatc 600  
ccaacacttt gggaggccaa ggagggtgga tcacctgagg tcgggagttc aaggacagcc 660  
tgaccaatat ggagaaacct cgtctgtact aaaaatacaa aaattagcag gacatgggtg 720  
tgcatggctg taatcccagc tactcaggag gctgagacag gagaatggct tgaaccagg 780  
aggtggagggt tgcggtgagc tgagatcgtg ccattgcact ccagcctggg taacaagagt 840  
gaaactctgt ctcaaaacaa gataaaaaga aaagaaacac cagagaattt ttactagaat 900  
ataatttg 908

<210> 3719  
 <211> 1091  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1092)...(897)  
 <223> similar to gi206810 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3719  
 tttttttttt ttgcaagtta taaaatgttt attgatatac attttgtctt ttataaaact 60  
 tccgttggcc acattgggcc actgtgcacc acagtgccag tccccaggtg gccagggcgg 120  
 agccagtgtc cactttcggg tgggggctgg agccaagagg ctgtccagga gctgccagt 180  
 gggtcctcat ggctgcggg atacctcaag tgctcccgga ggcagcctag gactggctcg 240  
 tcccggagtc agaaaaggca ggtcaactac ccaaggcggc caaaggccct tcctgtctcc 300  
 agagccttga cataaccaga aatcccccca tcaaagtcac caaatgactc gacgggggga 360  
 agggagggtt tttgcagaaa gacttagcta caaggcatgt gaaccagaac tttcttccag 420  
 acaccatttc cttcacattt gctcaactgat aatgccttaa gaggatcgaa tctctggaac 480  
 agccctgaat ggcaggggatg aggctgctgg cctgggtgctg gctgggacac agtcaaggag 540  
 ggctgaccca agaggcagag gtggctaggc tgggtgttga cctcctctct tttaccaacc 600  
 agcctagggc aaggaggggc cccaccacct gggggcaact tctgtacaag aggtctctag 660  
 gggagcagaa tgggtggggg agccgggcag gggccacagg gtctgtttgc tgggtggctgc 720  
 ccagtctccc agccaccct ggagtcccca gccaggggag aaggaggccc gaggagagga 780  
 aacagatctt tcttctcctg tatggactca gaagcaggtg cccattcctg tcccaaggcg 840  
 aagggtcttg gaggcgcgtt cctgcccctg cctcctccag gcgctggagt ctcaggaggc 900  
 gttccccggg ggacactgca tctccatggt gactgtgttg ggcgtgctgc ccccgccctc 960  
 cccagctca gcgcggtccc gcaaggcccg ctgggaagac accctgagcc gctcccaaca 1020  
 gccgttgggc tttgtccctt ccggggccaga aggtaaccgt tggggctggc gctggttggg 1080  
 gtgcagatgc a 1091

<210> 3720  
 <211> 2001  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2002)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (376)...(947)  
 <223> similar to gi5545343 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 3720
cagcgtggcg gaattcctgg aaagttccag gaagactctg ggtctgtgga ctgggctctg 60
gggccattht gggaatttht ccaggctgat tttggctgta tgcgatttht tctttctgca 120
cagacatcag accctgtcct caggatgtga tggggccccct ccccatctc ccatcctacc 180
agcctgtgtc caggtggggg tggggcaggg cagacaacag ggtccctgtg tctcgggcag 240
caatgctgcc ccctttcctg cccaacatc ccagcagac acaagagatg gagactatga 300
gctgctctcg tggctgggtc tcgggggtcc tgcaccctca ggagctgacg ctgacgcaact 360
ccactgcctg tcaccaggaa cctacctgc gccatcttca tctccatccc actggtgacc 420
ttcgtgtaca cgttcaccaa cattgcctac ttcacggcca tgtccccca ggagctgctc 480
tcctccaatg cgggggctgt gacctcggg gagaagctgc tgggctactt ttcttgggtc 540
atgcctgtct ccgtggctct gtcaaccttc ggagggatca atggttacct gttcacctac 600
tccaggctgt gcttctctgg agcccgcgag gggcacctgc ccagcctgct ggccatgac 660
cacgtcagac actgcacccc catccccgcc ctctcgtct gtgcccatac aggtgaacct 720
tctcatcccc gtggcgtaact tggctctctg ggcttctctg ctggtcttca gcttcatctc 780
agagcatatg gtctgtgggg tcggcgctcat catcatcctt acgggggtgc ccattttctt 840
tctgggagtg ttctggagaa gcaaaccaaa gtgtgtgcac agactcacag agtccatgac 900
acactggggc caggagctgt gtttcgtggt ctacccccag gacgcccccg aagaggagga 960
gaatggcccc tgccaccct cctgctgcc tgccacagac aagccctcga agccacaatg 1020
agatthttgt agagactgaa gcagttgttt ctgtttacat gttgtttatt gaggaggtgt 1080
tttggcaaaa aagthttgtt ttgtthtttt ctggaaaaaa aagaaaaaag atacgactct 1140
cagaagcctg thtttaaggaa gccctaaaaat gtggactggg thtctgtct tagcactgcc 1200
ctgctagctc thtctgaaaa ggctataaaa taaacagggc tggctgttcg ctctgtctat 1260
ggggagtccc tgatgggcac agacgggagt ggctggggcg tacctcgggt ggtgcacaca 1320
tgttgctggc caggaagatg ccgtggcagg ccctggagga ggctcttgac attagggggc 1380
tttgcctgtt gacacaggcg ctccctacca tggcacccag agtccccctg ccctaaaggg 1440
atgtcgagga tggggtagca gctcagtcgg cccctacccc agggccctcg atgccagtct 1500
gagctcggcc acccaggaga gctcaggggc tccaggctgg gattgtcttt ctcccgtaa 1560
atcacccacag agtgaaggtc aggacttcag agcccacagt ctaccctgg cttacagggtg 1620
gggaaaccga ggccctgaga taggatggaa cagacgtggc cactgctgtt ggtgcctcgg 1680
cctctctgtc ccagaaaagc acagagcagc atgtcctggg ggctttgagg cctgcaggga 1740
actccagggg cttcatgtac agcaggcaca caccacagcc cttccacggt gccaggaga 1800
ttggaccttc agggagggca aagggcgcct gcctggccag gggcatgagg gtttggcagg 1860
agccacccaa ccagggtcct ccagaggcct tgctggacag gaagagggtg aggcgtgagc 1920
aaaatagtca ccacggatga gaccagcgt cccgaattcc tccacatgga ctagtgatgt 1980
cgaacaaann nnttgtct a 2001

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<210> 3721

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (38)...(399)

<223> similar to gi2258274 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3721  
gccgatgcmc aatccccggtt cgagccacgc gtccggtgga gacgcgctgt cccagaagag 60  
gtctgataag ccgccctttg ctccatctgc agggctgaac ctgaggctgg tgaggagcag 120  
gcaggtgacg acagggacag tggcggcccc gtcctccagt ttgactacga ggcagttgct 180  
aacagactgt ttgaaatggc cagccgccag agcaccctt ctcagaacag aaagcgtctc 240  
tacagagtga tccggaagct gcaggacctg gcaggaggca ttttccctga agatgagatc 300  
ccagagaagg cctgcaggcg cctgcttgaa gggaggcggc agaagaagac gaagaagcag 360  
aagcgtctgc tcaggttgca gcaggagaga ggtaggacta gggggtgtgt tagtcatgga 420  
gccggcgtcc tcacctgctt gcttctcccc tggatggggg tcacctgcag tgtctcccc 480  
tgaagcatga gtgccgagtc ccccatcctg ggtgcctgct atccacgcag cccggaaatg 540  
ccctgtcctc ggcatccctc ctgtaggcct ctccctgcct ccccccacca ccttccttgt 600  
ctgcagctcc cccgagctgt gtgcgctgcc ctccctcccg gtctggagac atcctcctgg 660  
ctgggctgcc tccttccgtg cctccgacga aatcgctcgac ccgagaaatt ccggagcggg 720  
nnnaagagg c 731

<210> 3722  
<211> 1118  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1120)...(191)  
<223> similar to gi2276308 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3722  
attctatccc ggtccacagt ttaggaacca tggacaaaag tccaaggacc agaggcatgg 60  
agttttcatt agaaggttct gaattcatct aatggctggg tatttttaca gatgccagt 120  
ttacaaaaca tacaagtgca cagacagggtg tgggaggtag ctcgaaacat acagagtgtt 180  
cgcaacacta gagacgtctt ctggctgccca tcaggggact cggaggtagg gtaggcttgg 240  
tgaggcccgt ggcttgtgtc cgtggcacag cctcctgcaa aggggctgcc ctgctcccct 300  
gttcccatgg tgccaggccg tgctccccag gtgcctccgg ggtgctgaag atcttttcat 360  
agtactcgat cagcagttca gtgaacatgt tcaggggcac aagggcactc agggaggaga 420  
ccccctggga tggccagatc aaattcagcc cgaagacaca ggccaggtta gagctgttca 480  
ttttgttgaa gatgctctcc cgggacacgg catgcaggaa gcccatgagg tagcggagga 540  
cgacgtagtt gtgctctggg aggctccgta agatctggcg gcagccagtg acacgcaggc 600  
tgctctccac acaggtgatc ccaagaatct gctcgtaggc ctggaaggtc agaagcggct 660  
ggggcagctc tcgcagggaag gtcttcagga tcacggcagg gatgtgaatg tccccgtagt 720  
cgtcaaagtt cacgggcttc cccttggttg tagagcctct ggatctcgcg gacggtctgc 780  
acgctggcgg atctccggaa caggccctcg gtgcgcaggc actattgcag actgacgcca 840  
aactgctgtg tgggcagcgg gggccgcggc ggtggtgtct tgggtggagg cggcgtccgg 900  
ccctcgtgca ggctctggag cttctcatcg tccgaaaac ttcgggaggg atgaccagct 960  
ggtcgtattt aagggtgttcg tggagctcac tcaggtagtt gaaatagatg actttcttcc 1020  
caaacttgtg ctgatgaggg gcttcaagat gttccacagg accttgatga agctggtggg 1080

gtgcaccacg tagagggcct tcaagttctt cttgtacc

1118

<210> 3723

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (38)...(427)

<223> similar to gi2342647 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3723

gcgtacctct	gcccttttgc	gccctgtttc	tcctcctccc	cacaggccgc	aacaccctgg	60
cccagcctcc	cattccctgc	tggacgccct	ctccccaggc	cgcacagggc	tggttcctcc	120
gaggcacctg	gcttccagtg	atggacctct	ggccctgccc	caacctgcgc	acttggggcc	180
tgacaggcgt	tccccgattc	atccctccag	gaacaagaaa	accaaact	gcatttcctg	240
caataagtgt	gtgtccggct	tcgaccacca	ctgcaaattg	atcaacaact	gcgtgggaag	300
cgggaattat	tggttcttct	tcagcactgt	ggcctcagcc	acagctggca	tgctctgcct	360
gacgccatc	ctgctgtatg	tcctcatcca	gtacctcgtg	aaccccgggg	tgctccgcac	420
ggaccccagg	tatgaagcag	cgccaggacc	ctgaccagga	ggacctgggc	cagagaagcc	480
cctcgggggtg	caggacaaga	ctgccagtct	cagccccagg	catggctgca	cccgcactgc	540
acacggccccg	ggtggcgaga	cagggaggac	ttgcctgccc	ttgttccaga	acattccgga	600
gccaacacgg	tgtgacattt	ttttcaagga	tgagctttgc	cagctccacg	tggaagtccc	660
taaaactcct	ccttccactt	cgaagcgtga	ctgatgcctc	cagggcctca	cagccgcttc	720
tgaagcactt	cctgaaagcc	agctccaccc	tggcgaggcc	ctgacctcag	cggacccaag	780
cccaggacga	tgcctgttgc	gttcttctcc	ccctgtagca	agtcaccttc	cccagcagcc	840
tccatgttgt	ctgggctctc	cctgtggggg	atgccagggg	agagtgagag	agcacag	897

<210> 3724

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (874)...(110)

<223> similar to gi5689523 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3724

gcccccgctg	ctgcggttcc	agcgggtcct	gtgcggggccg	cccagccggg	aggggggtccc	60
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gggaggggtc ggctctcctg gtgctgatga tggcagagcc ttacagggac ttccccgctg 120
agcaaggtcc ccaggcagca ggggtggttag cggcgtgggg ctgcctatca ccctgctgtc 180
gtcggcgctg ggcgggcccc acaggctgct ggagtagctg gggcaccccc cccacagca 240
gctcactgct ccccttgcca cccaggcacg gggcgttcca gtggccagcg tcgctgcgta 300
ccaggccatg ggagctgccc gctgcgctga gccgcggctg gctggacgcg ctgctggact 360
gccagctgga agtgggtggc agcgccctggc cttgggctaa gaagcgattc acttcttctt 420
caccagcgaa ctcggccagg atggtagtgt ttcccaggac gcacatgtgc agagacttct 480
ggggccttgg cagcctcctc cttggagctg taccggacca cagcattgcc ttgagtcaga 540
ttcaggtgga atgtgataag aggcccatgt tgcaaacaca atgtccgcag tgtagaacca 600
tcaatctggg gagtgaaggt tccaagaacg agccagctgc tggttcttcc tgaggtgtcg 660
gtgctccagg cagaacccga ggagtaggag ctggtccagc cgagggggct ggcaccccag 720
gtggaggagg gcttgggatt ggtaaccct ggaggtggcc tcgtgggtgc agtactgttt 780
ctgggcacct tccatagttc atgagacaga gaggcttgcg tgtgggaggt agggccagag 840
gaccacgtcg atttgatgtc tgacagttta cctagaaagg cagagagatg gagcatatgc 900
agtcttgaga caaagaagaa aactcactgc tgtgtttggg gagccacaca gagtgtcttc 960
taacaccagc agactgtgtg ataggcaaag aaacaccaag tcaagcccct ggcaaactca 1020
agtaaccaca aattcccgaa agtggttttg ctctaagttt tcaaaacctt gcagagcccc 1080
tgtcttgacg aaa 1093

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<210> 3725
<211> 7150
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(7151)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(5079)
<223> similar to gi533095 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3725
gaattccaga gggccccgcc tttcggcaga acacacctct tcttttgtgc cttctctgca 60
tatcaccaca ctgggtcaag agcaagccat cctttctggg gcggttcccc catcaccatc 120
aactgggaca gccgactttc cctccatact tactttctc cagcccacag agaatcatgc 180
ctccccatct cctgtgccag aaatgccac tcttcagca gagggcagtg atgggtcccc 240
tcttgcaact agagacttgc tcctctcaag caaagttcct aatcttcttt ccacatcttg 300
gacatttccc cggtggaaaa aggacagtgt gacagccatt ttagggaaga atgaagaggc 360
aaatgtgacg attcctctcc aggcctttcc aaggaaagag gttttgagtc ttcacactgt 420
aaatggattt gtctctgatt tcagcaccgg tagtgtctca tctcccatca ttacagcacc 480
aaggacgaat ccccttctt caggaccacc tctaccttcc atactctcca tacaagccac 540
ccagactgtt tcccatctc tcttggttt ttccagcacc aagccagagg tttatgcagc 600
tgctgtggac cattctgggt tgccagcttc agctccaaa caggtgagag catcgccctc 660
ctccatggat gtatatgatt ccttaacaat aggagacatg aaaaagccag caaccacaga 720
tgttttctgg agttctctt cagcagaaac tggatctctt tccacagaat caataatatc 780
tggtctgcag cagcaaacaa attatgattt aaatggacac acaattagca ccacaagttg 840

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ggaataactcat	ttagctccaa	cagctcctcc	caatggttta	acttcagctg	ccgatgccat	900
aaaatctcag	gatttcaaag	atactgctgg	gcattcagtg	actgcagaag	ggtttagtat	960
tcaggatcta	gtcctcggta	caagcattga	gcagcctgtg	caacagtcag	acatgaccat	1020
ggttggaagc	catatagacc	tctggcccac	aagcaataac	aaccattcca	gagacttcca	1080
aacagctgaa	gttgcatatt	actcaccac	aactcgacat	tccgtgtctc	atcctcagct	1140
acagttgcc	aaccagccag	cacatcctct	tttgctaacc	tcaccaggac	caacttctac	1200
aggtagcttg	caggaaatgc	tttcagatgg	aacagataca	ggttctgaaa	tttcagtgga	1260
catcaattca	tcacctgaga	gaaatgcttc	cacaccattc	cagaacatct	tgggatatca	1320
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tcacataggg	gcattcaatg	cacttgaatg	aaccaaagga	gccaaagaaa	ctcagcctgt	7080
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attaatatatt						7150

<210> 3726

<211> 1652

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(1203)

<223> similar to gill109880 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3726

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ggggcccaaa	aattaaattc	cggggccggg	gtttaaaaac	ggggggaggg	gaaaaacccg	1620
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<210> 3727

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(806)

<223> similar to gi5870832 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3727

```

agtgaatcc atgttttata cttcagatga gaattgagct ccggggcccta ggcaagatct    60
cagaaggaga ggagctgact gtgtcctata ttgacttcct caacgttagt gaagaacgca    120
agaggcagct gaagaagcag tactactttg actgcacatg tgaacactgc cagaaaaaac    180
tgaaggatga cctcttcctg ggggtgaaag acaaccccaa gccctctcag gaagtgggtga    240
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gtttgtatca tgaggtttgt aaattatgcc gggagtgcct ggagaagcag gagccagtgt    360
ttgctgacac caacatctac atgctgcgga tgctgagcat tgtttcggag gtcctttcct    420
acctccaggc ctttgaggag gcctcgttct atgccaggag gatggtggac ggctatatga    480
agctctacca cccaacaat gccaactgg gcatggcgt gatgcgggca gggctgacca    540
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aggctgccct gaacaaccag cccatgcagg tcatggccga gccagcaat gagccatccc    780
cagctctgtt ccacaagaag caatgaggac tgccagtgagg agggggggcg atgtggctgg    840
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tagataatgt ctgatatatt tctggctatt tgcttagtag gatttaaaaa atattttcaa   1680
agtgaagctg agagagaatc ttggaaacac acatacctgt tgatcatggg cctgcagaa   1740
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<210> 3728

<211> 1447

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1449)

<223> similar to gi6016005 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3728

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tccgcctcgc ccgcccgcgc ctccgcccgc gcctcgccgc cctgcgcctc gccagccgcc    120
actgccgcct cgggcgcgcgc cgcctcctca gcctcgccgc ccgcccgcctc agccgcgcgc    180
gcccccaata atggccagaa taaaagtttg gcggcggcgc cgccaatgg caacagcagc    240

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agcaactcct gggaggaag cagctcgggc tcgtccagcg acgaggagca cgggtggcgg 300
ggcatgaggg tcggacccca gtaccaggcg gtgggtgccg acttcgaccc cgccaaactg 360
gcaagacgca gtcaagaacg ggacaatctt ggcatgttgg tctggtcacc caatcaaaat 420
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ttccattaag atgcccgaag aggaagacga ggctcctgtt ctggatgtca gatatgcatt 1440
tgcctcc                                     1447

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<210> 3729

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (900)...(388)

<223> similar to gi5640017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3729

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tttccaggag aaactgccag cattgccc aaacttggtt ttgatgtagg agccaagtgc 60
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aataaagtgc tttggcccac tacctgaata aaggcaaac tgcaattgag tggagccctg 180
atcttttgat ggagagctga gcgtccatat acagcatgtg aaatagtggc tgtttattga 240
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gtttctcccc agtgtgagtc ctctgatggt ttgtgagggt tgcactctgg ctgaaggcct 780
tcccacacgc ggcacatctg tagggcttct ccccggtgtg aatcctctgg tgctgaatga 840
acgctgcgca gtaactgaag gccttcccac actcgtctga cttgtagggc ttctccc 897

```

<210> 3730  
 <211> 3788  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (7)...(2384)  
 <223> similar to gi3043558 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3730  
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 ccccatgtc agtgggtctag gatggccagt gaaggcacca acatcccaag tcctgtgggtg 180  
 cgccagattg acaagcagtt tctgatttgc agtatatgcc tggaaacgta caagaatccc 240  
 aaggtttctc cctgtctgca cactttctgc gagaggtgcc tgcagaacta cattcctgcc 300  
 cacagtttaa ccctctcctg ccagtggtgc cgccagacct ccatcctgcc cgagaaaggg 360  
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 gcctttaaat gtgcgcaaga gtgtgctgct tatggaattg gaggtcaact atggcctcaa 840  
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tctgggttag	acaaagatcc	ttttttgtgt	gttcttttca	ccaccccttt	ggctcacctt	3060
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ccattttcca	agaatgacgg	tggtggcctt	tagtcagaaa	atggccctct	gtgctttcaa	3780
aaaaaaaa						3788

```
<210> 3731
<211> 574
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(381)
<223> similar to gi3041847 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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ccagccacct	ctaagcacc	cagggggccc	agggcagagt	ctgcacctac	gctggtcctg	180
ccaatgtcca	caggtgacag	gagtggtgag	tgacagccag	ggcaaggccc	attacgtgct	240
gtccggctcg	tgggatgaac	aatggagtg	ctccaaggtc	atgcatagca	gtcccagcag	300
ccccagctct	gacgggaagc	agaagacagt	gtaccagacc	ctgtcagcca	agctgctgtg	360
gaagaagtac	ccgctgccgt	gagtagggct	ggcaggggcc	ccgccacagg	caaaggagag	420
ggaaggaggt	cagtggcacg	aaagcaactg	acaggcacag	gaggtcggga	gggttcagtc	480
cacacatggg	cagagaacag	tattatgcag	ccgacatccc	agtgtgaagg	cagacaccga	540
acagtaaata	aatgtgaacc	tatgtatgca	ccaa			574



<210> 3732  
 <211> 3438  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (821)...(1863)  
 <223> similar to gi2565065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3732

gcgcgggagt	tcccgaatga	cgatctatgg	tcgcttcgcc	attcgcgcta	agccatagt	60
gaagatgtca	ggcttcagaa	cctctagtaa	agcagtatta	acggccatta	caccttcagc	120
agcaatgcct	tcctcggcca	tggcgggtgg	atacggatga	agctgaatct	tgaacgcacc	180
caagcctccg	cctccgcgcg	actcgggtga	ggcgggtggc	gccaaagcgg	atacggggcg	240
cgggagctgg	ggaacaggca	tggacgtttc	cgggcaagag	accgactggc	ggagcaccgc	300
cttccggcag	aagctgggtc	gtcaaatacg	ggatgccatg	aggaaagctg	gtgtggcaca	360
cagtaaatac	agcaaggata	tggagagcca	tgttttcctg	aaggccaaga	cccgggacga	420
atacctttct	ctcgtggcca	ggctcattat	ccattttcga	gacattcata	acaagaaatc	480
tcaagcttcc	gtcagtgtac	ctatgaatgc	actccagagc	ctgactggcg	gacctgctgc	540
gggagccgct	ggaattggca	tgcctcctcg	gggcccggga	cagtctctgg	gcgggatggg	600
tagccttggt	gccatgggac	agccaatgtc	tctctcaggg	cagccgcctc	ctgggacctc	660
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gctccagcag	gtggccgctg	cagcagcagc	agcaacagca	cgcagttcca	gcagcagcag	780
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gcagcagcag	cagcagcagc	atctaattaa	attgcatcat	caaaatcagc	aacagataca	960
gcagcagcaa	cagcagctgc	agcgaatagc	acagctgcag	ctccaacaac	agcaacagca	1020
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gccaccgatg	cagcagccac	agcctccgcc	ctcccaggct	ctgccccagc	agctgcagca	1140
gatgcatcac	acacagcacc	accagccgcc	accacagccc	cagcagcctc	cagttgctca	1200
gaaccaacca	tcacaactcc	cgcacagtc	gcagaccag	cctttggtgt	cacaggcgca	1260
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acaaggacct	cccaagtgtg	ccaccactgg	agctcagtgt	gcccgtgtgac	tatcctgccc	2340
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gaggaagcct	gcaagtccag	ggcacaggct	gccttttgga	gggagggctg	gcccataggt	3060
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gaggtccccc	ctttttatgt	gcactacccc	accatctgtg	attataataa	atttattatt	3420
cctgtgttaa	aaaaaaaa					3438

<210> 3733

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (784)...(392)

<223> similar to gi3876099 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3733

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aaatatattat	tattgggttaa	tataccagtg	gaaaatctct	gacctaaaac	aaatttttga	120
gccactggaa	aagtgaactt	tctcacagaa	atattttaatg	ttgtcaaaaag	aatactctgt	180
tttaacaata	actccattaa	tttattactt	taaaagatgc	acagtgtctgc	ttttacacat	240
taaaattttca	gtgacatcaa	caacataact	atatgttaat	atgttgaact	aacattttcaa	300
atgtagactg	accacatggt	tgattttaaag	cttaaagaat	caatgttccc	ttttgtgaag	360
atggcttttg	ttgtcattag	attctactga	tttttttagga	atagagctgc	tccacactga	420
atccactggt	cttggttgcc	cccacatgga	acatcaatat	tggttaaccac	acgatccctt	480
tcagcacttg	tgtaaacagg	caaagagatg	cactcatccg	gagaatatgg	accacatgca	540
tcctgtggaa	tccagcccat	aaaacaaggg	agcactgatg	acacgctggg	agaatcaagc	600
tgatttttcag	aaagtgtgatt	tccatcaaaa	ctacatcctt	ctagtaacaa	gccactgatc	660
ttaatgtgta	gctttgcttc	ttgcagtcga	cccttccatg	aggctacaaa	ttttaggcta	720
tccacagaac	gaccacattg	cccttgcagt	tttcttgcga	agagcattta	agaaatgtgt	780
tgg						783

<210> 3734  
 <211> 1274  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1194)...(234)  
 <223> similar to gi4753887 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3734  
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 gaaccacatg ctagtctggg ggtgctgtgc agtgagtcac tacaaactcg ctcaggcaca 120  
 gcttaatgcc gctgagatcc atctaggagc agtcccagcg gtggcctcag ccacgtgagg 180  
 aagagggtct tggaggaggg ctgccaaagt tggccagggg acccggcctc aggtctgtgg 240  
 aggtgcttca acagcacgat gctcattctc tgtccgtagt gtctccatat actttctcat 300  
 cttctccacc atccaggagg gtaggacaaa ggatttcaat tcctctagct tcagatccag 360  
 gcatcctctg taatcatcac tggccgcaag gtcccggatg tcctcctcga tgaggaggta 420  
 ggccatcttg cccctgttg cccgcatgtg atgctgctca gccagccagt gcttatcctg 480  
 ggggtcagct gcatacttaa agagggtgtg gtgcttgatg tagattcttc ctctggtgcc 540  
 ccccatcccc agggctttgt tggctcgaga tcccaacaca aagggtgtag attcattcag 600  
 gcgagctggg tcccacttg ggccttcccg gcgaattggt tcacaggatt ttggtttcca 660  
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 ctttttagga agggggcttc ctcgatgggc acattcttct tctgcctgac ggccacgctt 780  
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 ctgccggtgc tttatcatta tgttccaagg gttcgtaaga accagctgcc ccgctgcgcc 1140  
 cgcaccccc agctccaagc cgccctctc ggccccgctg ggtccccgcg gctgctcggc 1200  
 gtcgccagt gctcccatgg cgctccggc cccacaact ccgctggact ctgtccggac 1260  
 gcgtgggtcg agcg 1274

<210> 3735  
 <211> 2748  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (183)...(442)  
 <223> similar to gi625042 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3735

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tgcatattta	ccatgctaaa	tttatagctc	taatatttga	tgactaatat	gttaaaggta	120
ttatctaagt	gagaaagaaa	aaagtccatc	tctgcaaatg	ttagatacgg	tacatacttt	180
gaatatccag	agtttgtaat	atgtttatatt	tggacagggt	ccctgaagaa	tttgacaaga	240
cgtcatttca	caaagtgcgc	cattctgagg	atatgcagtt	tgcccttctct	tattttttatt	300
atctcatgag	tgcagggcag	ccactgaata	tatctcaagt	ctttgatgaa	gttgatacag	360
atcaatctgg	tgtcttgtct	gacagagaaa	tccgaacact	ggctaccaga	attcacgaac	420
tgccgttaag	tttgaggat	ttgacaggtc	tggaaacacat	gctaataaat	tgctcaaaaa	480
tgcttctctg	tgatatcacg	cagctaaata	atattccacc	aactcaggaa	tcctactatg	540
atcccaacct	gccaccgggc	actaaaagtc	tagtaacaaa	ctgtaaacca	gtaactgaca	600
aaatccacaa	agcatataag	gacaaaaaca	aatatagggt	tgaaatcatg	ggagaagaag	660
aaatcgcttt	taaaatgatt	cgtaccaacg	tttctcatgt	ggttggccag	ttggatgaca	720
taagaaaaaa	ccctaggaag	tttgtttgcc	tgaatgacaa	cattgaccac	aatcataaag	780
atgctcagac	agtgaaggct	gttctcaggg	acttctatga	atccatgttc	cccatacctt	840
cccaatttga	actgccaaag	gagtatcgaa	accgtttcct	tcatatgcat	gagctgcagg	900
aatggagggc	ttatcgagac	aaattgaagt	tttggaacca	ttgtgtacta	gcaacattga	960
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tcactctttt	tataaaaagg	ctcactgaca	agagacagct	gttaatttcc	cacagcaatc	1380
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atttttaagt	agttactaag	tttaactagt	attcttgctt	ctgagtataa	cgaattgggg	1560
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taagaatgct	atgattttcac	gtgcagggtct	aatttcaaag	ggctagagtt	agtactactt	1800
accagatgta	attatgtttt	ggaaatgtac	atattcaaac	agaagtgcct	catttttagaa	1860
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caatcactga	gaattagttt	ttgttggtgt	tgttggttgt	gtttttgaga	cagagtctct	2220
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<210> 3736  
 <211> 4917  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4918)...(0)  
 <223> similar to gill136426 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3736

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gagcatcaga	agtatatgaa	aacgataaga	agtgattctg	atttcaaagt	acattgtttg	300
gaaacattaa	caaaaacatc	aaaatgatag	aagtatacct	gcttctacta	aattcctgat	360
gggaaagtcc	tcaagaacaa	gcaatttggt	tcctgctaca	gaaggggggg	gtgggttttt	420
ttttttaaga	tcaaaggggt	ttttttcaca	gaatttcata	tttgctaata	tgaaggcata	480
aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggta	atgttgatat	540
tcgaaacggc	tagataatth	ttgggggggt	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaattht	aagggttagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
aggactatta	ctgattatta	gcatttttgt	tttgcaaatg	ggcacatact	gttaagaatg	720
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gatcacagat	gcatggtatt	agtcacgaaa	gtttcagaac	acattgtggt	gattttgaaa	900
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caaagtctaa	aaatttatatt	ttaagctata	tatacttaaa	gactgccaaa	atthgttttc	1260
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00400725.013100

```

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cggttcttgt cctctaccgc cttacccaac cacagcctct tcagggttggg gcagggtccac 2940
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gaccagtcg gtgtagaagc cgccgtagag gcggtgcagg cagttgtcgg cgtccaccag 4800
caggcgacg ggggtctgcg ggggccgctg ccgcccgcg cccaccaggc tgccccgggc 4860
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```

```

<210> 3737
<211> 1858
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(1023)
<223> similar to gil1710222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3737
gtgatatttt acaggaagat caccatactt cacagaaagt ggaggaacca tcacagtgtc 60

```

tggcatctgg	aacagctatc	tctgagctaa	taatagaaga	caataatgca	tctcctcaaa	120
aactaaggga	acttgatcct	tcacttgtgt	cagcaaatga	cagtcctagt	ggcatgcaga	180
cacgctgtgt	ctggtctcct	ttggcttctc	cgtctacgag	catttttaaag	agaggactaa	240
aaagatccca	agaagatgaa	atctcatcac	ctgttaataa	ggttcgccgt	gtctcctttg	300
cagatccaat	ataccaagca	ggattggcag	atgacattga	tagacggtgc	tcttattggt	360
aggtcccatt	cttccaatag	ttctcccata	gggaaaaagt	gttaaaactt	ctcctactta	420
cacatctaag	gtttcagaaa	tggccaaaga	atccatacca	tgcccaacag	aaagtgttta	480
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caatgtaaaa	aaggctctca	gaatataatca	tgagcagcag	gtgaagactc	gtggactaga	720
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taagatcctt	ttttttttca	taatatgtat	tcttggtctg	tatgcgtggt	ttttcaggaa	1260
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atgctttctt	aaaccctgtc	atattctggt	gaaacatgta	aaatacttta	agtaaaattg	1380
aacattttta	tttgaatttt	tgctgaactg	ataaagggtg	ttatatTTTT	gtttgttggt	1440
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caaatgaaat	gcgaaagaat	ttgaattttt	cctgcatatg	tcaactttgg	acagctttca	1560
agaaaaatga	gaaaagtttc	aacttctggc	ggttaaaata	ttaatgcaga	atttactaag	1620
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tatgagacgt	atagtattca	tttttaaattg	catgattgta	cattatgtat	agacgcacaa	1740
gtttttaatt	tataaatttc	attctttggt	aattgcatgg	gtttttctgc	agcttattgt	1800
gaataccctg	gttctgttca	atagaaacat	tttgtatata	ttgaatactg	aaatatca	1858

<210> 3738

<211> 2049

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (629)...(80)

<223> similar to gi55471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3738

gcataattcg	gacgagtgg	cctgacgcc	tttgggatag	gggatggtag	ggcaaggccc	60
ctcaagcagg	aggcagcaac	aggactggaa	tgacgcggtc	cagggagggt	ggaggcccag	120
cagacctttg	tgccctggag	ggagccaacc	caccctgaca	cggagacact	ggcagaatag	180
accagagtgc	ggcaaagggt	tcgcggaacg	ctccgccgga	gtcaaacacc	tccgcaccca	240
cagtggcgag	aggccccatg	cctgcccggg	atgcgaccgt	accttcagcc	tcagctccac	300
ccttcttcgc	caccgcctca	ctcacatgga	gccccaggac	ttcagcttcc	caggctatcc	360
cctaccgct	ctgatcccca	gccaccccc	accttctctg	ggcaccagcc	ccccgctgac	420

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acctcgaagt ccctcacact cgggtgagcc ttttggcctg cctggcttgg agccagagcc 480
tgggggcca caggctgggg agccaccccc accactggcg ggcgacaagc cccacaagtg 540
ccctgagtggt ggcaagggct tccgccgaag ctctgacctg gtgaaacacc atcgtgtgca 600
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ccgagtcaag cacctccgca cccaccgtgg tgaacgggcc cggccaccac caccatccac 720
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ggcccagcct tctggacca gccagcccca cgtgtgtggc ttctgtggga aggagttccc 840
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tgtgtacaca caggcatgaa aaaggtggag aggggtctct gcgcgcaaaa ctcagactgt 1980
aaattttgtg tggttccctt gctctttgag cccattaaat aaaaagggtt ttttggcgta 2040
aaaaaaaaa
2049

```

```

<210> 3739
<211> 1538
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1539)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (6)...(751)
<223> similar to gil845345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3739
acgacgacag tggcctgcac ttcttctga cggcaccatc ttctctgtgc tctgcatggg 60
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ggcccatgtg ttttctggtg aagaggagct tccccaggac tccctcagtg ccccttcggt 180
ggcctccaga ttcattgatt cccacacacc ccctctccgc cccatcctga agaagacggc 240

```



cagcctgggc	ttctgtgtca	cctacgtctt	cttcatcacc	agcctcatct	accccgccgt	300
ctgcaccaac	atcgagtccc	tcaacaaggg	ctcgggctca	ctgtggacca	ccaagttttt	360
catccccctc	actacccttc	tccgtgtacaa	ctttgtctgac	ctatgtggcc	ggcagctcac	420
cgcctggatc	caggtgccag	ggcccaatag	caaggcgctc	ccagggttcg	tgctcctccg	480
gacctgcctc	atccccctct	tcggtgctctg	taactaccag	ccccgcgtcc	acctgaagac	540
tgtggtcttc	cagtccgatg	tgtacccccg	actcctcagc	tccctgctgg	ggctcagcaa	600
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<210> 3740

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (630)...(352)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3740

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gggaatcctt	caaaggcaat	ttcttaggca	cttgcaaggg	cttgggggag	ggggaggcag	240
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ccagctactt	gggaggctga	ggcacgagaa	ttgcttgaac	ccaggaggct	gaggctgcag	600
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agagaaaaaa						670

<210> 3741  
 <211> 4539  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4540)...(1914)  
 <223> similar to gi2661424 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3741

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gtgtgtgtgc	catgtgtagt	tctattttaca	tataaacgct	actttaaaag	tttatcaaaa	360
tcatgagttt	ttacaaaagt	ttttaatgct	cttctgcatt	atatgcagca	ttgcaaactct	420
gcaaagtagt	aaaactataa	agcaccttta	ggtttgacc	agttattaca	gaaatgggga	480
tttgtgaaaa	ggatgtaatt	tgatgtagaa	gggcaaagtc	ctttaatgac	tggcattcaa	540
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09458735.01.12.100

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gtggctgtgg tggagggaat cattgaggac agaataaaag ccgaccactt cggggagcgc 4500
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<210> 3742

<211> 4063

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4041)...(1075)

<223> similar to gi50479 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3742

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agggggcctt	ttgataaaac	cgtcgaaaaca	catcactatt	ctgaggaagc	aagaggtttt	180
gcgttggttc	gtagtaagac	acagcccttc	tgtgggcacc	caaggggctc	tcatgtccca	240
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tctcgagggg	tcttgagggtg	cagcccagcg	ccccctgcag	agttactctc	tgagggtcgg	360
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gcgccacctt	cctggagact	gtctggtgga	agacaccgcg	gagcagggcc	ctggtagctg	1140
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ggcctcctct gcgtcgcggc tctggcccca gtcagccgcc gtgaagttgc gccggtacgt 3540
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gaagactttg acgcccaggt gcttggcctc gttcacagca tcctccagcc cccacaggg 3660
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```

<210> 3743
<211> 688
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(229)
<223> similar to gi403020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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cagctgccct ggcaaggaac aacagccgtg ttagccctgt gcctctttct ggggctgctg 180
ctggcactga gcagaaaact gaagccgtgc ttcactgcga attctgtgaa ttctcctccg 240
gctacatcca gagcatcagg cgtcattacc gggacaagca tgggtgggaag aagcttttca 300
agtgcaaaga ctgctccttt tacacaggct tttaaactgc ttttactatg cacgtggaag 360
ctgggcactc agcagttccc gaggagggcc ccaaagatct tcgctgtcct ctctgcctct 420
atcacaccaa atacaagcmc aacatgattg accacatcgt gctgcaccga gaagagcgtg 480
ttgtcccat tgaagtttgc cgggtccaaac tgtccaaata cttgcaggga gtagttttcc 540
gctgtgataa gtgtaccttc acctgctcca ggtgatgaga gcctccagca acatatagaa 600
aagcacaatg aactgaaacc ttacaaatgc cagctctgct actatgagac caagcacacg 660
gaggaactgg acagccacct tcgggatg 688

```

```

<210> 3744
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(213)
<223> similar to gi4580997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3744
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cctagcctgc ttgctccttt gccggtagt atacaaagag atcttggcct ggaagggtgc    180
cctgagcaga ggcagcgggt ataaagaaat atgaggcccc aattggaaca gcagcatgga    240
gggtcccagt tgggtcccca acgtgctccc catgggcaag acaatggaaa cttccacaag    300
caggggaaggc aaaccctctt tattgaacat tagccagccc agcccagacc ccagggctgc    360
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tccattttga taaggaaagg atatgctcac actcttgctt gttcagattc caagacagaa    540
ggcttcacaa ggccaacgcc tggaaaatgg gcatctctcc ctcccatgtt aagctttaac    600
ctctgtaatc tgctgtatc tatagggtgg catctcactc catcaaagga gccagacctc    660
tctttgtccc tctatccatg caacagtctt ctctgtgcat tcccccaagc tggggccctct    720
tctactctcc atttaggcct gttgataact ccattacca cccatcactg ctgttcctcc    780
agggccagca                                     790

```

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<210> 3745
<211> 4372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4373)...(713)
<223> similar to gi4240217 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ctaagctgca tcaagtgaag caaatacaaa atgctgtccc tcctccctgg gctcggaagg    180
cagtgcactt tctccctctt aacagccagg actagcgggt gaggagttag tgctgtgacc    240
ccagggccaa gctggagtgt ccgcatagtt ttttctctga ccagtgggga ttccatctac    300
cttgaggcgt gctggcctgg gccccgtttc cacaccagca catggtgaga cagggtagct    360
tatcaacagg ctgctggggt ttaatactga cagtgaagtgt tgggcccgggt cacagccagg    420
ggaaaggact taacacagat tgccctccca agccccact ggctgggcct aatttttagga    480
ttaccacggg aaaaaaagct ttgatgaaag acaacaggaa gtcaacacag cagagagtgg    540
tgtggacaac ccagaagcca gcctcacgca ttccatgcc acagttaacg atgacaacaa    600
cagcaataat aataataata ataaaacaaa ggtacagggtg aaaagcagcg cttggggtgt    660
gctgctgcaa gctggggaag gcgcgtgctc aacttgatg ggacacacct agtctttctt    720
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agccttagcc ttcgcgatgc tgagctctgt gtagatgtct ttgtacttgt cacttgcata    1020
cttcttgtcc cgcagtgcgg tctgcagctc atccttgagg gagctaactc cctgtttcag    1080

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accgtgtgat	ctctgcagcc	aggcggttgt	tcagctcctg	gttgtgggca	ttgagctcct	1260
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gttctcggca	attttccagg	cacatcaggg	cctgactatt	cttgacctgg	aagtcccca	3600
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ggagcaaaagt	gccatccctt	tctgtctctt	caggggtact	ccgtggctct	tcctgtcct	4320
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<210> 3746  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(632)  
 <223> similar to gi2507613 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3746  
 ctattcagtg tgggtggaatt cctcttctgc cccttccttc cccgctcagc atggcccctg 60  
 tgtgcagttt caggctggcc cgcctgtcca gctggcgggt tcatgcgggg ctggtcagcc 120  
 acagtgcgt caggccccac caaggggctc tgggtggagag gattatccca cccccctct 180  
 acagtgcca gaatcatgac tacgacgtcg ccctcctgag gctccagacc gctctcaact 240  
 tctcagacac tgtgggcgct gtgtgcctgc cggccaagga acagcatttt ccgaagggt 300  
 cgcggtgctg ggtgtctggc tggggccaca cccaccctag ccatacttac agctcggata 360  
 tgctccagga cacggtggtg cccctgctca gcaactcagct ctgcaacagc tcttgtgtgt 420  
 acagcggagc cctcaccccc cgcctgcttt gcgctggcta cctggacgga agggctgatg 480  
 catgccaggg agatagcggg ggccccctag tgtgcccaga tggggacaca tggcgcctag 540  
 tgggggtggt cagctggggg cgtggctgctg cagagcccaa tcacccaggt gtctacgcca 600  
 aggtagctga gtttctggac tggatccatg acactgctca ggactccctc ctctgagtcc 660  
 tgctgtttcc tccagtctca ctgcacacca ctgcctcatg cttcctgggg cctccagcag 720  
 ctccactaat ggaggagagg cagtagcctc cgacacagaa cgcctgggac ctctactact 780  
 gtgtgtgagg aacagtcact acccactggc cagccact 818

<210> 3747  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(725)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (207)...(554)  
 <223> similar to gi1504034 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3747



cgaccccgcg	ccgtaatttc	cgggtcgacg	gtcccggccc	tcgccccgc	gcggggcctt	60
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gcgcccccta	gcagcggcgc	agttgcgcct	gtttcgatag	gcgagcggat	tggcgccctt	180
ggttgccgga	gcaatccctt	aggcctgggt	ccctgccgcc	tggagcctcg	gctcctcgca	240
gtcaggtggg	ttctgggggt	gccagcaggg	tctgagagtg	ccggccgcgg	ggccctcgca	300
gcttgctgc	tgcagtcgga	gctggtaaac	tacgagcgcg	tgcgcgagta	ctgtctcaag	360
gtactggaga	agcagcaggg	caacttcaag	gccacctacc	gtgccggcat	tgccttctac	420
cacctgggcg	actacgcacg	cgcgtgcgc	tacctgcagg	aggcccgag	ccgggaaccc	480
acagacacca	atgtgctccg	ctacatccag	ctgactcagc	tgaagatgaa	tcgttgcagc	540
ctccagcggg	aagacagtgg	ggctgggtcc	cagactcggg	atgtaattgg	ctgaggccaa	600
tccaggggga	cctctctatc	cctgcgcctc	ccacctcacc	atgtaacttc	ccccgactca	660
tgtgtttgtt	ggtaaaacac	ttgtcactgg	tgatcanaaa	aaaaaaaaaa	agacaaaaaa	720
aaaa						724

<210> 3748  
 <211> 1270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1271)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (39)...(327)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3748	
tttttttttt	ttttccagta aaactttatt aattattatt attttttgat acagagtctc 60
gtttgggtctt	ccaggctgga gtgcagtggt ggcgatctgt ggatcaactg caacctccgc 120
ctcctgggtt	caagcgggtcg catgccttca gcctccagag cagctgggat tacaggtgcg 180
tgccaccaca	cccagctaata tttttgtaga gacagggttt tgccatgttg tccagactga 240
tcttgaactc	ctgatctcaa gtgatccacc cgcctcggcc tcccaaagtg ctgggattac 300
aggtgtgagc	caccgtgcct ggccaatatt tttaaatagt tctgttttga attggtataa 360
ttcgaaacac	aggaaacggg caccagtgct ttgggcttta tttcacacca cgtacgtgac 420
aacaagctgg	cctagagccc acatcagcag gcaggcggcc cacagtgcc caggacctac 480
cctgccccca	aacaggccat ggggcccctt aggaagatgt ggggcttctt gagatcagct 540
ccagtttttc	tcagagcccc tgtgaaagga gctccatctg ctctctgttg aaacctggac 600
tctggctggg	tcagagtggg ctccatgttg ctctcttctt tttgtttctg ttttaagcttg 660
ttccaaatcc	tttccagggc cacttttccc atgaagaagg tgatggcaaa attgcgcttg 720
taccaatctc	tgttataata catgtgcttc tgaaaatttt tacttaaaaa ttcctttag 780
aagtccgcca	tttcttctgc attcaatggt gctttctgac ctgattcagt tctcaggccc 840
aggcctttag	tttttagtct tgagtgaata aattcttctt tttccttact aaaagtcaaa 900
ttctggtttg	cccagaactg ttgattccat tcttgtgttt cttgtcttaa ttttctaagc 960
ttttgttcca	atggagattc attttcagggt atgtaaaagt gaacaggctcg aaggtttgaa 1020
tatttatctg	ggggctctat ccaatcatgg caagactttc ttggagggca gaatcttgag 1080
accccgctgg	gcgctgtatc cctgcgctcg gcgcgcgct ccggagcgag ttgacagccg 1140

cggcaggcga	aggcgcgcca	gagagggggg	agaaaggtct	tcttccccgc	ccgcaagacc	1200
accatggccc	cacgccccct	ggctccccgc	cggacgcgtg	gctcgncccc	ggaatccgcg	1260
tcacagcctc						1270

<210> 3749  
 <211> 4424  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(2583)  
 <223> similar to gi4589622 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3749						
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gctggggccga	gccggaggtt	gtggtgtctg	actgcgctgg	gcaccctcgg	gccgcagcgg	180
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ggcggtgaga	accacctggc	agagaacacc	ctctaccggc	tatgccaca	gcccagcaag	540
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caggcagggg	cccggccaca	tgcgggggac	cgagatcccc	gtggggcccc	gggaggcagt	660
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cggctccttc	agttgtccct	ggagaggaac	ggcgcccggg	ccccagcca	catgagctcc	780
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gagaccacca	ctgctgtcac	tgaccacagg	taccgtgcc	gcggcagccc	gcacttccag	960
catgctgaag	tcaggatcct	gcaggcccag	gtgcctcctg	tggttctcca	acagcagcag	1020
cagtaccagt	acctgcagca	atctcaggag	cacccccctc	ccccacatcc	agctgctctc	1080
ggccatggcc	ccctgagctc	cctcagtcca	cctgctgtgg	aggggccagt	gagtgccag	1140
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cattcccccc	agccctcacc	cagcagcagc	ttcaatgagg	gtctgctcac	tgggtggccac	2100
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aaaaagaaaa	aagagaaaaa	aaaggcaaaa	aataattgtga	aagaaaaaaa	acaacttaat	4200
atattttgga	ttaatatattg	gtatttcttt	ttaaagtattt	tttgtgctgt	gaacattttc	4260
tgccaaagac	catgatgtgt	gtctgtatgt	ttaaagtattc	gtaaatatatt	aaaatgtaaa	4320
catggctggt	ttgttatgcc	accctgtacc	aggattgctg	ccgcattcca	ctgggtataa	4380
cagtattttta	attaaaaaaa	aataattaaa	agtgaaaaaa	aaaa		4424

<210> 3750  
 <211> 1000  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1001)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature

<222> (10)...(679)

<223> similar to gi5019453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3750

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ggctgggctg	ctggtcagca	gggtgtcccc	aagcatgggg	cagaggggac	acgtaggccc	120
accctagtcc	tcacccccag	ggtaggcagt	ccagagcccg	tggtggcgctc	gacccctggg	180
cctggccagg	acgcccgcga	catcttggga	tggcacagag	tgaggggaga	gaaggcggct	240
gggggacagaa	ccctgcagcc	tggcacagtc	agctccctcg	tgagcatgcc	ctcgtcagcc	300
ccccaggccc	cctcacagcc	ttctgctatg	agacccttga	ggtgcacaca	ggctgggagc	360
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acaacctcgc	acgtgggcct	tgtgccccg	gccagaggcg	cggacaccct	tctgggggcg	660
ccccaggaca	gacaggggat	gggggcgagc	aaaggaaggc	ccagccccag	tactgagcct	720
gctccaccaa	agacaagagc	cacagctccc	ggccatcctc	tgagcctcag	tttccccacc	780
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cctggctaac	tctgaccgtg	tttggtngtt	cccagcgac	cccaccttgg	gctcgatggc	900
gacgggcttt	ccataaccct	cgacgctcct	cattgacctt	ggaaccgcgg	ttttgctttt	960
gttcgtggct	ccttgccccg	gagtcattga	ccaaagagaa			1000

<210> 3751

<211> 5403

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5406)...(466)

<223> similar to gi3043590 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3751

ggcgccctgc	agcttccata	gccattcggg	gtgtgcgtgg	ggagctgctg	taggggtccca	60
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tattctttcg	tttaagaagc	tataacttaa	accatcttca	gaaacaagat	ctgtcaccgc	360
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```

<210> 3752
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(187)
<223> similar to gil81853 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3752
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cgggggcttc cctgacccc ttaggcctc cccctgcagg tgccctcgcg cccctcccgg 180
ggtccccagg tgagttaggg ctgaatatga caggagaggc cggcggacgg gcgtggccgg 240
gagggaaatg gggctggatt ctagagcgtc ggacctggcc gccagaactg gccgtctccg 300
tcccgggcac tccgaccggg ggaccggagc cctgagtggc ggaaagctgg cggagcctgc 360
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```

```

<210> 3753
<211> 2410
<212> DNA

```



<210> 3754  
 <211> 2207  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(2054)  
 <223> similar to gi4454791 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3754

agcagattga	ttccatcatg	tttgaccagg	cgcagaccga	gatccagtcg	gtgatggagg	60
aaaatgccta	ccagatgttt	ttgacttctg	atatatacct	cgaatatgtg	aggagtgggg	120
gagaaaacac	agcttacatg	agtaatgggg	gactcgggag	cctaaaggtc	gtgtgtggct	180
atctccccac	cttgaatgaa	gaagaggagt	ggacttgtgc	cgacttcaag	tgcaactttt	240
cgccaaccgt	ggttggtctg	tccagcaaaa	ctctgagggc	cacggcgagt	gtgaggtcca	300
cggaaactgt	tgacagtgga	tacaggtcct	tcaagaggag	cgatcctgtt	aatccttatc	360
acatagggtc	tggctatgtc	tttgaccagg	ccaccagcgc	caacgacagt	gagatatcca	420
gtgatgcgct	gacggatgat	tccatgtcca	tgacggacag	cagtgtagat	ggaattcctc	480
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tcctcgaact	gggcgtagct	gtcaaacacc	tgtgtgaagt	cccgcacggt	catcactgtc	1860
cggatgg						1867

<210> 3758  
 <211> 1804  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (11)...(1135)  
 <223> similar to gi2073564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tggctttcat	caaacgaagg	caaagggctg	tacctgaaat	cctcgcagct	ggaggcagat	240
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tggg						1804

09450733"043100

**00000000000000000000000000000000**

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<210> 3760
<211> 2950
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2936)...(2772)
<223> similar to gi3288483 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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taacgactaa	tgtcccagac	cctgttttct	gcattcaaaa	tagggaagct	gttgatatca	1980
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ataagagtca	gaaataaaaa	taaaagggtt	ctgttggtca	agatttaaaa	aataaaaaag	2220
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gggcccggcg	acccggccgg	gccggcagg	gcagcgggtc	cggcgcgag	cgcgcggcg	2880
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gagcggccgc						2950

<210> 3761

<211> 3222

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2438)

<223> similar to gi4884108 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3761

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aaaagcagaa	tatgtgcaca	gctagcccg	ttttctgaag	agaaatttca	tttttcagac	600
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cctgaaggag	actgggtttg	tccagaatgt	cgaccaaagc	aacgttctag	aagactctcc	1380
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tgcagggtatt	aagtccaagt	ttattaacta	gatattttat	tagtattgag	agtaatttgt	3000
gaattttgtt	tgtattttata	aaattttatac	ctgaaaaaatg	ttccttaatg	ttttaaacct	3060

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tttactgtgt	ttttattcct	ctaacttcct	taatgatcaa	tcaaaaaaag	taacaccctc	3120
cctttttcct	gacagttcct	tcagctttac	agaactgtat	tataagtttc	tatgtataac	3180
tttttaactg	tacaaataaa	ataacatttt	tttcaaataa	aa		3222

<210> 3762  
 <211> 2384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2385)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2385)...(949)  
 <223> similar to gi3493591 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gaaaattata	ggcagctttc	tatttatcct	ttaaaggaaa	tatgtccttag	atggaaagaa 180
tataaagtag	taaagcaaaa	gttaacctag	gggaaacttt	ttcaccaaca	gattatctag 240
acatcaattc	ataatgcact	gggagatcta	tagtatatac	cacatgggtat	atttagggta 300
cacagctcta	taggatttga	gatggctgct	cacagcagga	gcttaaagaa	agatatggaa 360
aaaatatatt	ttataaaaga	tggaaaaatt	caagttgtaa	ggagtaaaaa	tgaaaatttg 420
aaaagttaac	gcataatttg	ttttatttat	aggttaactac	cacatgaatt	ataaagacaa 480
caaaggatgt	cagaatgaac	atggataggt	gtatgcatac	tacggctaag	gagaaacaat 540
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ttgaaaagaa	ctcaaaataa	ctaataccaa	atatacacct	atgtattaga	attcaaaaaa 720
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acaatctgtc	cttcagaatc	acccacagca	atctctctgc	cagaatgggt	ccatctcaca 1140
cgattaagag	caggattacc	ctccacagaa	atgctggcag	ttggtaacct	tgtgtcatta 1200
ttgagattcc	acaaatccaa	tctcccatg	ccatccacac	aggcaaacag	ggctgggttg 1260
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gaaccttctt	cactcccaac	aacaaagttg	ttgacatctc	caacagggaa	ggacatagat 1560
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tcctcatctt tctttaaagt tttctcttct tcaggttcaa taggtggttt aggagccact 2340
acatcatcat cttctctctc atcttctttg ggttgagcca taac 2384

```

```

<210> 3763
<211> 1092
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1083)...(489)
<223> similar to gi4929633 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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gccatgaaac tcaaagatac ttgaaaaacc tctcgatagc actttgagtc acttaattct 180
gacaaatatt aatatgtcat ccatgcttgc ccagttataa ttttacaata taattgtatt 240
tttcattgta cttattattc attatactta ctatatatat ttaaaacatc tttgctgaaa 300
ttctcttata ccaaaaataa tttttcagta actccaaaat acccacaatg acctcttagc 360
aggctattcc aatatcaaaa ttctttttct tcaagtaaca agttctcaat ccacaccatt 420
cctgatcaca gatataactg atatgcagtt ttataaacag ctcttttact ccttgttcct 480
attttagcag gccaaccatc acttcactga tatcccagag ttttcttgca acagattcat 540
ccatagcttt gggcaacagt tcttcctctt tacaatcccc aaagtatctt cctgacactc 600
cttctacctc aggtgaagag gccaaataaa tggaagtctg ggcaccttct actggagttt 660
tgaaaaaagc ccatgacacc aaattgaaga gtggtttgac caacagtgga atgtgtatgt 720
gctccccag atttgtccgt acaataccag gatgcaacac attgacggtg acatttgtgc 780
cttctaagcg gcgggctagt tccctggtaa aaagaatgtt agccagtttg ctccggctat 840
aacaaaagct tttattatag ctttgttcac tgttcaagtc atcaaaattg atgtctccgt 900
at ttataaag tttggaagaa actaccacaa tcttgctggg agctgaactt ttgaggagtc 960
caaggagaag attggtgagt agaaagtgcc ccagatggtt cactccgaac tgcattctcaa 1020
acccatcttc agtcttcatg taagggcact ggaagatccc tgcgttattg atcaagacat 1080
cacagcctat gc 1092

```

```

<210> 3764
<211> 5182

```



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(3395)  
 <223> similar to gi3327214 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3764

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cgtagaagac	gccctcacct	atctggacca	ggtgaagatc	cgctttggca	gcgaccctgc	180
cacctacaac	ggcttcctgg	agatcatgaa	ggagttcaaa	agccagagca	tcgatactcc	240
tggagtcac	agacgtgtct	cgcagctctt	ccacgagcac	cctgacctca	ttgttggtt	300
caacgctttt	cttcccctcg	gatatagaat	agacattccc	aagaatggca	agttaaacad	360
acagtcgcct	ctgacaagcc	aggagaattc	gcacaaccac	ggggacggtg	cagaggactt	420
caagcagcag	gtgccgtata	aagaggacaa	accccagggtg	cccctggagt	ccgattccgt	480
ggaattcaac	aacgccatca	gctatgtgaa	taagattaaa	acccgcttcc	tagaccaccc	540
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ggtcttccctg	tgagagcctt	gctgaacttc	tgccaccagg	tcagtgggct	ggacccatga	5100
gagcaagggg	tggctgggtg	tgccctacctg	ggaccagggg	agtcgaagcc	cctccttgaa	5160
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<210> 3765
<211> 1507
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1377)...(1128)
<223> similar to gi2580578 in the genepept database release 114.
```

Run with FASTXY 3.3t00, default parameters

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accagggcct gcaccccatc caccagcgcc acatcactat gccacaagc gtcccccagc 180  
agcaggtctt tggcctggcg gaacccaaga ggaagtcctc gctcttctgg cacaccttca 240  
acaggctcac ccccttccgg aaatgaaaac aggaggctgt gcttccatgg agctgggtgt 300  
caagagaaga actgtctttg tttcttgggt gcttcaatcc agggaaagt tcttggaccc 360  
agtgataaaa acttcctttt agggatcaat gaaggagaga aggtcttgga atcaccttca 420  
gtctttggag acccagctgc ctttgtggaa gggaggagac ggtcatgaca caaagcttta 480  
tcctacacag aaacacccgt gaccactat gagatggccc agatgtggga cccggtacca 540  
tgctctaaag cgagtgatta ggcagcagct gaagccaccc ctgctgatga tgagcaagt 600  
cctgctgcag gtccaaacac agcatccagg gctttgcagt tcctaaggag tgatgagggt 660  
agaggatcac ttctgcattt gattttcaag gatgccgtca agacggggtt gacacaatgc 720  
tgcacgtgtc tggtcacact tagaaattga gctcttactc tcttctgtaa tactggggga 780  
cctacagctg ccgtggggct gaccacgggtg ttccctggca tcgtctgtgt ccacacagat 840  
gctaactggt agtgcaaatg tcatcctgca aggttcctct tcctgcaagc aaagtggaga 900  
gaaagaagat gcatctgtca ccttcatcag ggtcctcagt gcagagcaac ttacgcatcc 960  
tcaagaatcc actgcttttc aggcaaggag ggagaaatcc tgctgcacac tggctttgtc 1020  
ccggagtcgg attccctcct gcctgcacgc cttcagtaac tccgagcaga aatcacatct 1080  
tgcccacatg ctgtaacctt agaaactgct atgcaaggct ggggtgctgtg gctcatgcct 1140  
gtaatcccag cactttggga ggccaaggca ggtggatcac ctgaggctcag gagttcgaga 1200  
caagcgtggc caatatggca aagcccagtc tctactaata atacaaaaat tagctgggca 1260  
tggtggcgca tgcctgtaat cccagctact ggggaaggctg aggtaggaga atcttttgaa 1320  
tctgggaagc ggaggttgca gtgagctgag atcgaccac tgcactccag cctgggagat 1380  
acagcgagac tgtctccaaa aacaaaaaca aaaacaaaaa acattcagac aactgtttgc 1440  
attataaaaa gctcattttac tgtaatatat atgatacaag gaatatgaaa atgcactggt 1500  
cagaagg 1507

<210> 3766

<211> 5771

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5772)...(2990)

<223> similar to gi577313 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3766  
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aaaaatgatt ttacacttta aagtgtgcaa taaattttga tacatcaatc ttgatataata 120  
tatttactgt gtcagaagat tttaaaaagt caaatagttt ataatacaaaa tgaattgtgt 180  
ttaacttgat acttatatgg aataacttca gcattataaa taaaaaccca aaacaaacac 240  
catttaaatt tgagttctga tgaaatgcat ttgtaataca attttgttaa aaatttttaa 300

taagagattg	taggctaaag	ttatatgctt	gtaattttcta	gaaacatatg	atgtccttgc	360
tttatgaaaa	tgatcctact	gactgtcccc	cagtagaatg	catttgagac	acttttctat	420
ctgggataag	gggctgtggt	gcttgataca	tgttttcttc	agaccatgag	cccctagtgg	480
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agctttgtat	tttctcatgc	ttagatagtt	cacaaacata	atattttaa	aattgtggca	660
aaatcctggt	tttaaaaaa	taattttcac	attccattct	acataatgag	gacatttcca	720
aaatgcattg	gcccacatta	ctattacttt	gctgatatga	agaaaatgaa	ttatgatggt	780
aagatccata	tacagatata	cacatgtgta	tccatattat	ttatataatt	aatatcagaa	840
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agagagggtta	agtaagctgc	ttcagttcac	atggctggtg	agatatcaaa	ccaggactat	1140
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aatctgtgaa	ttgcttcccc	taaacatgct	tgatgctgtg	gtgtttggaa	agtagaaagt	1260
ggttttgcta	ctgtcacatt	tcagattttct	atcaggtgct	aatgagtact	catcatgtta	1320
tacccaaca	aacttaaacc	aagaaccaga	ggtagttttt	acagtttctca	caggggtgtgt	1380
atatatatat	atttaagaag	attcgtaaca	tatatattaca	attattccta	aatcaccaag	1440
ataccatact	gagaaatagg	tttaatcttt	ttaagagcat	tttctatata	atcattccaa	1500
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gtaagaactc cattcattgg gtcataatac gtcactctca cgtaaggatc actagctccc 5580
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gagaagcggg a 5771
```

<210> 3767  
<211> 562  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (6)...(494)  
<223> similar to gil066818 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3767
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ctagcatctg ccagccagct acgtgtgtgg ctctggtctg tgagccagtt tgcctccgcc 120
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cagctgtctg	tgtgtccagt	ccatgccaac	ctacttgcta	tgtagtcaag	cgctgtcggt	300
ctgtctgccc	tgagccagtt	tcttgcccat	ctacctctg	ccgacctctt	tcttgagctc	360
cagggctctt	tgcatctgcc	atcccagacca	acttgctcta	ggactttcta	catacccagt	420
tccagcaaac	ggccttgagc	tgctacgatt	tcttaccgcc	cggtctcccg	tccgatctgc	480
cgcccaatct	gctctggact	cctcacctat	aggcagccat	acatgacatc	catctcctac	540
cgctctgcct	gctatcgccc	at				562

<210> 3768

<211> 1287

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1280)...(588)

<223> similar to gi4176500 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3768

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tgccattaaa	tagccaggag	gctagacagc	attaaagttt	cccttctctg	atcttctggt	180
ccttcagtac	aaactgagaa	ttttgaaact	atttggtgat	cccagtcttt	gggggagggg	240
taatatcaca	aaacctccat	gagaacaatg	ggctcagggtg	gaagactttg	aagactaaaa	300
ggcttacagt	taaggtagaa	ttatcactag	tagatcttag	ggaaatagga	atgcaaccag	360
aatcactcaa	tttatattat	agaaagcaag	attcattaaa	tcattttctt	tttagaaaaa	420
tatctttaac	tggttatatt	tcaaatgttc	ttttttaaag	aacatataaa	attaagatat	480
ttgtgaaaat	aaacatttca	gatatacttg	tttctcttca	tttttccctt	ttcaatggaa	540
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tagaagaaaa	tttcagcatc	ttgggtgatt	cttcagaagc	tcgtttgaag	tcctgaacat	780
ttcgacagta	aaatcctatt	gtacagctgg	gatccatttt	tcgaaaagac	atcttttttg	840
gagaagggca	gtggaatgtc	tcaagagggg	aatcctttat	gctgacatct	acaaaagatt	900
ggcagtaatg	aggatccatg	taaatcaaac	tgtcatcttg	aaatccagca	aagtaatatg	960
actgttttag	tttgccacca	ataataccca	cacaatattc	caggcttaaa	atacccttca	1020
caaattctaa	gtagtcgggtg	ttgggttctt	ctccaccaag	tctaacagga	actagaataa	1080
taacagcttt	gtcatctgca	ttatcagaag	tcattggaag	actctgttta	tcaattacat	1140
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gccttgcttc	ttcaactgct	tttcttaaaa	tgtgagcaac	cacagctgag	accataccaa	1260
tctcctgctt	ttttcccgaa	cttctttt				1287

<210> 3769

<211> 1706

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1631)...(602)  
 <223> similar to gi4928044 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3769

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ttaatttttc	tctagatact	caaatagcta	agcaaataag	ggtacatgcc	agtctttctt		180
cttttataca	caacagacaa	aagtgttggg	gggctagaca	ccaaccagct	atttttttcc		240
cctggaacca	gatcatcata	ctgctgagtt	ccttcaaacc	atcaaagtac	agccttcctt		300
ccaatgtttg	ataatctgtt	caaaatcaca	gtataaatac	aaagttcttc	catccatttt		360
acaaaaccag	caaaactcta	caataaaaatc	ctacaggaaa	aagtagacca	atctcattta		420
caaacagcat	tttaacagta	attattaaat	gttacaaaac	ataagataca	aaatctaaat		480
ccttaaagtc	acacgatttc	tacagaaata	agaccctcgc	cccaccata	ttacttatga		540
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tgtaactgag	atatcgctgc	tgcaaaaaat	cttcataaat	aagcctcttc	ggataaccaa		900
agaggaaatg	atactttgag	ggttgacccc	ccaaccgacg	cagcatctcc	cagacctggg		960
cctccctggc	gctattacct	ctcatataga	taaggcccag	gatcatcatt	aacagaccca		1020
atctggggcc	atctcctccc	agatcctcct	cctcctcctc	ctcctccaga	ggttttagtt		1080
tgttgatcag	gatgtaagt	tggtgcttgc	ggtcaaaactg	tttcagctca	aaaccaaaga		1140
cataccgcag	atgctctgcg	gcccttgcca	tgatgtccgg	gaacagaatc	ttcaagtctc		1200
caataacgta	tttcaccatc	tccgagcgtg	tgatgggact	cttcttcttg	tctttcacca		1260
ggaggaactg	caccaactcc	gccaccgtcc	gattcagccg	gcggtaggcc	ctgcgccttg		1320
ccaaggattt	ggcgcgaag	gccctcgcgc	ctttccgggt	gagggcgggc	tccgcagccc		1380
cctcctccct	cccggcgcca	agctcctcct	tggggcgctc	ctgcgaggcg	gtcggggccc		1440
gggtctcacc	atcatggccg	gcacccctct	ccccctcggg	ctgcgggaac	cgggagcccc		1500
ctgctctctg	gtgtctgcaa	catgttttcg	ggcaggcagg	tgacagagcg	ggtacacggg		1560
ccgaggggtg	tgggagccgc	cgcgcaagcc	cccgggggag	gggggttgac	acgcggcaag		1620
tgacggcggg	agtacaagga	gcaatgcgca	gcgggaagct	tggtggctgc	tgggccgcac		1680
cgcacgggag	tcataactgc	ggccgc					1706

<210> 3770  
 <211> 2172  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1545)  
 <223> similar to gi3046745 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3770
gatggctaga gaaccgagaa aaaacgcagc cctggacgcc cagtctgcag aagaccagac    60
ggggctcctg accgtgaagg tggagaagga ggaagcctcc gccttgacgg cggaggtgag   120
agcaccctgc agccctgctc ggggccccga acgctccccg cagcgttcc gaggcttccg   180
ctaccgggag gctgcggggc cccgcgaggg gttgagccgg ctccgagAAC tctgcggaca   240
atggctgcag cctgagatgc acagcaagga gcagatcctg gagctgctgg tgctggagca   300
gttcctgacc atcctgccgg ggaatctgca gagctgggtg cgggagcagc atccagagag   360
cggggaggag gtggtggtgc tattggagta tttggagagg cagctggatg agccggcgcc   420
gcaggtagaa agaacaggtt tagtatctga gcgctgtggt ctgtttcctc ctgaaatccc   480
agatcggagc gaggggcatt cctttaaggt ttcattctct tttgtactgt   540
gaacctcctt ggcagtaagg gtttgctgaa aatggaagat gtggccctga cctcactcc   600
tggttgagca cagctggatt catctcaggt gaacctctac agagatgaaa agcaggagaa   660
ccatagcagc ctggtctccc ttggtggtga aatacagact aagagcaggg acttgccctc   720
agtcaagaag cttccagaaa aggagcatgg gaagatatgc cacctgaggg aagacattgc   780
ccagattcct acacatgcag aagctggtga acaggagggc aggttacaaa gaaagcagaa   840
aaatgccata gggagtaggc gacattattg ccatgaatgt ggaaagagtt ttgctcaaag   900
ttcaggcctg actaaacaca ggagaatcca cactggtgag aaaccctatg aatgtgaaga   960
ctgtggaaag accttcattg ggagctctgc ccttgtcatt catcagagag tccacactgg  1020
tgagaagcca tatgagtgtg aagaatgtgg taaggtcttc agtcacagct caaaccttat  1080
caaacaccag agaaccaca ctggggagaa gccctatgga gtgtgatgac tgtgggaaga  1140
ccttcagcca gagctgcagc ctccctgaac atcacaaaat tcatactggg gagaagccat  1200
accagtgcaa tatgtgtggc aaagccttta ggcggaattc acatctcctg agacatcaga  1260
ggattcatgg tgataaaaaat gttcagaatc ctgagcacgg ggagtcctgg gaaagtcagg  1320
gtaggacgga aagccagtgg gaaaatactg aggcctccgt gtcttataaa tgtaatgagt  1380
gtgagagaag tttcacacgg aatagaagtc ttattgaaca tcagaaaatc cacactggtg  1440
agaaacccta tcagtgtgac acatgtggaa aaggtttcac tcgaacttca taccttgttc  1500
aacatcagag aagccatgta gggaaaaaaa ctcttcaca gtgacctatg gtattcatgc  1560
caacattggt gctcatttgt cactgaactg aagccaccct ggagccctta atggttacag  1620
aaattgtgga ccagggtctt atttaccact atacatcatc gggatttaga aaatgtagtc  1680
tggtctgagc gatgagttat cttctacatt ctagaaagtg attggaagaa gtcatttgat  1740
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ggttggatgg ctctgatgtg gggggctgct gctctgacca ttcattttgc ctctaataaa  1920
tctttcacia attggtcaga tccatgaggt cttttactct tctttgtgcc ttgtatgata  1980
ggtgctaata aacattttatt aaatgtacca gtaaaatggc ctttgtacca aaaatttgat  2040
gttgtctata tttctgagaa atttctaact tatgccattt gaatttatgt attattctct  2100
gaggttctag attctgggcc aatctagtgt atttggtgcc acgtacatac tgttttcaga  2160
attggggtgg gg                                     2172

```

```

<210> 3771
<211> 1715
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (278)...(58)
<223> similar to gil519392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<400> 3771

agattttat	ttttttat	tattttat	atattttat	ttttttaatt	gatcatttct	60
tggggtgt	ctcgcata	ggggattt	cagggtccat	aggacaatag	tggagggaag	120
ttcaagca	ataaacagt	gtgaacaa	ggtctctgt	tttcctaagg	cagacgaacc	180
ctgcggcct	ccgcagtg	tgtgtccct	ggtacttgag	attagggagt	ggtgatgact	240
cttaaggag	atgctgcct	caagcatct	tttaacaa	cacatcttgc	accgccctta	300
atccatttaa	ccctgagt	acacagcaca	tatttcagag	agcacggggt	tgggggtaag	360
gtcttagatt	aacagcat	caaggcagaa	gaatttttct	tagtacagaa	caaaatgaag	420
tctcccatgt	ctacttct	ctacacagac	acggcaacaa	tctgatttct	ctatcttttc	480
cccacctttc	ccccttttct	attccacaaa	accgccatcg	tcatcatggc	ccgttctcaa	540
tgagctgttg	ggtacacctc	ccagacgggg	tgggtggcgg	gcagaggggc	tcctcacctc	600
ccagacgggg	cggccgggca	gaggcgaccc	cccacctccc	ggacggggcg	gctgccgggc	660
ggagactctc	ctcacctccc	agacggggcg	gcagggcaga	ggtgctcccc	acatcccgga	720
cgatgggcgg	cagggcagag	acgctcccca	catctcagat	gtgatggcgg	ccgggaagag	780
gcgctcctca	cttcttagat	gggatggcgg	ccgggcagag	acgctcctca	ctttccagac	840
tgggcagcca	ggcagagggg	ctcctcacat	cccagacgat	gggcggccag	gcggagacgc	900
tcctcacttc	ccagacgggg	tggcggccgg	gcagaggctg	caatctcggc	actttgggag	960
gccaaaggcag	gcggtctgga	ggtggagggt	gtagcgagcc	gagatcacgc	cactgcactc	1020
cagcctgggc	accattgagc	actgagtga	cgagactccg	tctgcaatcc	cggcacctcg	1080
ggaggccgag	gctggcggat	cactcgcggt	taggagctgg	agaccagccc	ggccaacaca	1140
gcgaaacccc	gtctccacca	aaaaaatacg	aaaaccagtc	aggcgtggcg	gcgcgcgcct	1200
gcaatcgag	gcactcggca	ggctgaggca	ggagaatcag	gcagggaggt	tgcatgtgagc	1260
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aataactaa	aacacattga	attgtatact	ttaaaggagt	gaactatata	tcaatatata	1440
aggggtgagt	tatagctcaa	taaagctgtt	aacaacaaaa	caaaaatgcc	ataccaaaaa	1500
aaaaatcatc	atactgatct	gtgaccttcc	aatggaagga	attaaactaa	acttttcaaa	1560
atggggctac	tggcccttag	gcaaggctct	gagattatcc	taaaattatg	gatttagagt	1620
atttaatgac	ttttctgaag	aattcttaga	attcatctac	taagcaaata	accattcatg	1680
tagttatgat	gtagtcattg	tcaattttta	caagg			1715

<210> 3772

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (719)...(325)

<223> similar to gil63673 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3772

ggcgcggggg	cccttttttt	ttttttgacc	ttggataagt	ttattaacct	gttttataaa	60
tctgtattca	cacagatata	aagtgcctag	cccatcacag	cagagctctc	cgtagctcag	120
tggttgttcc	aataagacat	cagggattct	tcagaagcca	gccttcagac	ctctcactgt	180

gttttgagat	cattattatc	aatttgatt	taaaaaaca	gggtcctgta	aaacccttga	240
agtcttcctc	atctcaggtt	ttagggatgc	cacttgcata	aaaatgagtg	gttcacaagg	300
tactgcccc	cagaagcagg	cactggaaag	aaacaggcag	ctcttcatta	tcccaagcag	360
aacctctgtc	aacttgccca	ttgatgggtt	ccatttgctt	gggcttgga	tcccaaagg	420
gaagaaccac	ctttaccgga	gtaacagtcc	aaagcctggg	gctgcagttg	gtggggcaac	480
tcttactgt	gcttgtaact	gggtggggc	aggatcctga	acctctcggg	ggcgtagccc	540
gcggaacgtg	gtcggcttgt	tggtgaagg	gtgccactgg	ccctggatgc	tagggttgtc	600
ggtgtggaag	ggcttgcgga	tgcggtatcac	gtccaagccc	gactgggtcg	ccagcttctg	660
caccagcgtc	gagatctcct	cgaccgactt	gcagtggatg	ctctcctcgc	gcacagcc	718

<210> 3773

<211> 1677

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(910)

<223> similar to gil504042 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3773

atcaagttca	ccgacattca	aggagatccc	gctgtggatc	tatagcctga	agacactgga	60
ggagctgcac	ctgacgggca	acctgagcgc	ggagaacaac	cgctacatcg	tcacgcagcg	120
gctgcgggag	ctcaaacgcc	tcaaggtgct	gcggtctcaag	agcaacctaa	gcaagctgcc	180
acaggtggte	acagatgtgg	gcgtgcacct	gcagaagctg	tccatcaaca	atgagggcac	240
caagctcatc	gtcctcaaca	gcctcaagaa	gatggcgaa	ctgactgagc	tggagctgat	300
ccgctgtgac	ctggagcgca	tccccactc	catcttcagc	ctccacaacc	tgcaggagat	360
tgacctcaag	gacaacaacc	tcaagaccat	cgaggagatc	atcagcttcc	agcacctgca	420
ccgcctcacc	tgccttaagc	tgtggtacaa	ccacatcgcc	tacatcccca	tccagatcgg	480
caacctcacc	aacctggagc	gcctctacct	gaaccgcaac	aagatcgaga	agatccccac	540
ccagctcttg	tactgccgca	agctgggcta	cctggacctg	agccacaaca	acctgacctt	600
cctccctgcc	gacatcggct	cctgcagaac	ctccagaacc	tagccatcac	ggccaaccgg	660
atcgagacgc	tccctccgga	gctcttccag	tgccggaagc	tgccggccct	gcacctgggc	720
aacaacgtgc	tgcaatcact	gccctccagg	gtgggcgagc	tgaccaacct	gacgcagatc	780
gagctgcggg	gcaaccggct	ggagtgcctg	cctgtggagc	tgggcgagtg	cccactgctc	840
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cccgacaag	ccaggacagc	ctcgtggctg	ggcaggagcc	tggggccgct	tgtgagtcag	1080
gccagagcga	gaggacagta	tctgtggggc	tggccctttt	tctccctctg	agactcacgt	1140
ccccagggc	aagtgttgt	ggaggagagc	aagtctcaag	agcgcagtat	ttggataatc	1200
agggctctct	ccctggaggc	cagctctgcc	ccaggggctg	agctgccacc	agaggtcctg	1260
ggacctcac	tttagttctt	ggtatttatt	tttctccatc	tccacctcc	ttcatccaga	1320
taacttatac	attcccaaga	aagttcagcc	cagatggaag	gtgttcagg	aaaggtgggc	1380
tgctttttcc	ccttgcctt	atttagcgat	gccgcccggc	atttaacacc	cacctggact	1440
tcagcagagt	ggtccggggc	gaaccagcca	tgggacggtc	accagcagc	gccgggctgg	1500
gctctgcgg	gcggtccacg	ggagagcagg	cctccagctg	gaaaggccag	gcctggagct	1560
tgctctttca	gtatttgtgg	cagtttttagt	tttttgtttt	ttttttttta	atcaaaaaaac	1620
aattttttta	aaaaaaaaaa	gctttgaaaa	gggatgggtt	gggtttttaa	aaaaaaa	1677

<210> 3774  
 <211> 1709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(622)  
 <223> similar to gi2289790 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3774

ggacagtcct	tcggttacat	tctctatgag	accagcatca	cctcgtctgg	catcctcagt	60
ggccacgtgc	atgatcgggg	gcaggtgttt	gtgaacacag	tatccatagg	attcttggac	120
tacaagacaa	cgaagattgc	tgtccccctg	atccagggtt	acaccgtgct	gaggatcttg	180
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atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgctttctt	cttgggttagc	ttgtccatca	gctccacccc	ttgtgacacc	420
tttctgaagc	tggagggctg	ggagaagggg	gttgtattca	tcaatggcca	gaaccttgga	480
cgttactgga	acattggacc	ccagaagacg	ctttacctcc	caggtccctg	ggttgagcag	540
cggaaatcaac	caggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tgggtgccagt	gggagactgc	cgcctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
ccctgtctca	gctcaaaacc	ctaagcctgc	agggaaaggt	gggatggctc	tgggcctggc	840
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ctgggttcctg	ggaggcttgg	ccacatccct	catggcccca	ttttatcccc	gaaatcctgg	1080
gtgtgtcacc	agtgtagagg	gtggggaagg	ggtgtctcac	ctgagctgac	tttgttcttc	1140
cttcacaacc	ttctgagcct	tctttgggat	tctggaagga	actcggcgtg	agaaacatgt	1200
gacttccctt	ttcccttccc	actcgtctgt	tcccacaggg	tgacaggctg	ggctggagaa	1260
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ggacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	aggaggacag	1380
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ccgaacagca	ggggcagagc	agccctcctt	cgaagtgtgt	ccaagtccgc	atttgagcct	1620
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ataaccttga	atcccaaaaa	aaaaaaaaaa				1709

<210> 3775  
 <211> 1473  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (89)...(1363)

<223> similar to gi902624 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3775

gcgaccgcgg	gcatgcca	aaacgaagcc	ccatgtgcca	ctccccctgat	ctgcagcttc	60
ggtaggcgg	tggacctgga	agaaggacga	ctaccagaag	gtggtgtgca	acaacgagca	120
ctgccccctgc	agcacctgga	tgcacctgca	gtgcttctac	gagtgggaga	gcagcatcct	180
cgtccagttc	aactgcatcg	gccgcgcgcg	cacgtggaac	gagaagcaat	gccgccagaa	240
catgtggaca	aagaaggggc	tacgacctgg	gccttccgct	tctgctcttg	ccgctgtggc	300
cagggcaact	tgaagaagga	cacagactgg	tatcaggtga	agcggtatgca	ggacgagaaa	360
aagaagaagt	ctggctccga	gaagaacaca	gggaggcctc	ctggtgaggc	ggcggaggag	420
gcaaaaaagt	gcaggccccc	aaataagccc	cagaaaggcc	caagccacga	cctcccccg	480
cggcattcca	tggaccggca	gaactcccag	gagaaggcag	tgggtgccgc	agcctacggt	540
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cctgcccact	tcagcggccc	ccgctcctcc	agatacctcg	gggagttctt	aaagaacgcc	660
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cagttccttc	ggcggctgga	cctctccgaa	ctcctcactc	acatccccag	gcataagctg	840
aacactttcc	acgtgcgcac	ggaagacgat	gcccaggtgg	gccaggggga	agacttgccg	900
aagttcattc	tggccgcgct	cagtgccagc	cacagaaacg	tggtaaactg	tgccctgtgc	960
caccgggcgc	tcccgggtgt	cgaacagttc	ccactggtgg	atggaacttt	gttcctaagc	1020
ccgtcgagac	atgatgagat	cgaatatgat	gttccttgtc	accttcaagg	gagactcatg	1080
catctgtatg	ccgtgtgcgt	ggactgcctg	gaaggggttc	acaagatcat	ctgcatcaag	1140
tgtaagtcac	ggtgggatgg	cagctggcac	cagctgggca	ctatgtacac	ctacgacatc	1200
ctggctgect	ctccatgttg	tcaggcccgc	ctgaactgta	agcactgtgg	gaagccggtg	1260
atcgacgtga	ggatcgggat	gcagtacttc	tccgaatata	gcaacgtcca	gcagtgtcca	1320
cactgtggga	acctggacta	ccacttcgtg	aagccatttt	cctccttcaa	agttctcgaa	1380
gcttattgat	gaaagctttg	ctttagtaat	agctatttta	ttgatattat	tactttatta	1440
catatctttt	atagggaac	catctcaata	aac			1473

<210> 3776

<211> 2039

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (103)...(994)

<223> similar to gi1791257 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3776

```

cccagacaga agagaccacg gtaaagatca gctgacggcc tctgtgggaa caaagacagg 60
gaaaggggaa atgagttcac cagaaaccaa caggcagcac aggaggtggt aaacccgaaa 120
aagaaaatga agaaaaagaa atacgtgaat tctggcacag tcacctgct ttcctttgct 180
gtggagtcag agtgacactt ccttgactac atcaaaggag ggaccagat caacttcaact 240
gtggccattg atttcaactgc ctccaatggg aaccctcac agtccacatc cctgcaactac 300
atgagccct accagctgaa cgccacgcg ctggcgctga ctgccgtcgg agagatcatc 360
cagcactacg acagtgacaa gatgttccct gccctgggct tcggggccaa gctgcccccg 420
gatggcagag tgtcccacga gttcccaactg aatggcaacc aggagaaccc ctcatgctgc 480
ggcatcgacg gcatcctgga ggccaccac cgcagcctgc gcaactgtgca gctgtacggc 540
cccaccaact ttgcccccggt ggtcacccac gtggccagga atgcagcggc cgtgcaggat 600
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accaaggagg ccattgtcaa cggttgcaa gctcccatg tccatcatta tcgtcggcgt 720
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ccgggggaag ctggctgaac gcgacatcgt ccagtttgta cccttcggg actatgtgga 840
ccgcacaggc aaccacgtgc tgagcatggc ccgcctggcc cgagacgtgc tggcagagat 900
ccctgaccaa ctggtgtcct acatgaaggc acagggcatt cgcccgctt cccacccgc 960
agcaccaacc cactgcctt cgcagtcctc agccgcacg cccctgcgt gccccctgca 1020
cacgcacatc tgaacctggt ctacgcaggc aggtggctgg ggccctgggag aggccagggtg 1080
aatgggaggc cagggcccca gactccccga agttggcctg cccggccttt gggacatctg 1140
tgtgcctggg aggcctgccag ggggtggggc ttctgaagac ccctcctcaa tttcttgcc 1200
tcacttattg cccaaaccca gggagttagg ggggtacggg tgaaagaggg gtacacaggg 1260
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cctgaagcct gggtttggcc tcctccagcc ccccatctcc gtcccatcct cccatggtgt 1440
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catgaagctg atgggtttgc aggaaggcct gaacatgtgc accctccag ggacactgga 1560
tgcgctggga gccccgggga ccccatgggg tgctgtaatc atggaccgta ggccatgtga 1620
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cgatgcaagt tctagacaca cagatggcct gtggaggcct ctccctggtg tgggcccaca 1740
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gggccctcgg tgcacgcgc tctgcccac tctggcctc agtaaggagt ggctcaaccc 1860
cacgttccca cactgctcct gctctttgcc ctgtatccca tgaggctagg agacaggagt 1920
cctgggtttg agccctgcct cccccactg cctaattgtg gaaccaagc aaggcccttc 1980
taccttttgg gcctcagttt ccatgtctgt acgacaagag ggttgacca agatggccc 2039

```

```

<210> 3777
<211> 1324
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (397)...(912)
<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3777
tttccgggtt tttattaatg cttattgctt ggtaatggtg tagtgttttg ttttaacagg 60
atttggggat gacagagcta agggcctttt tcaattttcc acttttaacc agaagacacg 120
gctataaaac aaaacaaaac atgattttca cggagaaaac tgaaaggaaa ttggttaaat 180

```



tggccactcg	caggagaagc	actatccttg	cagcccttgt	ggttcccatg	atcagtgggtg	1080
aaatatagtg	attttcacct	gtgcttccat	tctgaagttc	tggaagaag	tactggatgg	1140
actgaagtcc	aggacaacgt	cccaaagaaa	ggcagagtcc	aggtaggctt	ggaggaccaa	1200
gccctggatg	agcactggag	ggcagaggcc	tcagtgtcca	gcactgtgcc	ctgcacatgg	1260
aaagccccta	cgtttgtgga	atgaatgaat	aataaaaatg	ttttcataag	tgataaaaaa	1320
aaaaaaaaag						1330

<210> 3779  
 <211> 3274  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3262)...(1117)  
 <223> similar to gi505033 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3779						
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ttgaaccatg	gattattgaa	caatactggt	aatccacctc	tccctcgcac	ccttttgggc	120
tatgtgagct	aggaattttc	tgactagcac	caatacacat	tgtaacagcg	caacagacta	180
gaacatggcc	agtcaggca	ttagagttaa	ggacattgtg	gcaaatcatg	atcataatga	240
agtcattctt	aatttagtag	atattaaaac	tgacagttaa	ttatatctct	taaaggcatt	300
taattaacgc	agagattgct	acattttaagc	catctgctag	ttgtgagtag	tttttaaaaa	360
actgtacaat	tttataaaa	ttgtgttttt	acattagtta	cacaaaatgc	atacttcata	420
gaactttact	tcataattgta	atgcaaagag	ttgcatattt	taggcagaca	gtgattatgc	480
tggtgaatac	taaaagtgtg	atacaatatg	gtgtaaaaa	aaaaacacga	gacaatatac	540
ataacatgct	tattcaagga	caaaaacaaa	tcaagcacga	cggactaata	gcattttcct	600
tcaaggtcaa	acacaatgac	attactaaat	atcaggcctc	ctgcatgcct	gattttatttg	660
ggggtagggg	gaggaattaa	atggctacca	gaagtaggat	attttaaaac	atgatataca	720
attaaacata	cattaaatca	catgcattag	acatgataaa	tagagtccat	ataggttaag	780
ccctggatag	ctttaaaaata	gatggcttgt	ttcttacagt	ttggctagct	taaatcagta	840
aatcagtgat	ggtttgttcc	tgatttgccc	actatttcag	ttttcaattc	atggccctaa	900
ggaatgtgtg	ccaaattcaa	gtttattata	tcataacatg	atagattaat	agtcgtgctt	960
gttttagtgca	catattaact	ggtctggtaa	ggcaaagaag	ttttcatgat	aaaatgataa	1020
atttcaagct	tactttatta	agcagcatat	aacaaacagc	ttttaaggtt	aaatattggt	1080
atggccgtgg	agtttcaat	aacagtattt	ctattcacac	ccaaccactg	gtaagtttgt	1140
agaacatctc	ttcatctaaa	ctctcgtttt	ggtcttttgc	acgtgttgag	agaaatatgt	1200
agccaccaat	gaattcatga	accactttgc	aatctacttc	agtacaaatg	aaggacaatc	1260
gtacttcacg	tgcaaaactc	acggtgacca	ttttgatttc	ccagttgaca	ttccactggt	1320
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tcaattaaac	tcattctgagc	tacattctga	tgggcctcca	agattctcgc	tgttatctgc	1560
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cgtgatctgc	tctggtatta	acttgaggat	ctgggtttta	atgctgcac	ttcagaaagg	1680
aaagaatatt	cttgaacttc	taagttgtaa	gaactgtccc	gcccatggtc	cttggccctt	1740
tgggaggcta	atcctgccag	gctgccatcc	agtgtgcata	ctgtttttca	ttgtcacaac	1800
gaagccagat	ttcattcatg	ccttctgcaa	ctggaatcag	gagtttaatg	ttaaattttt	1860

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ggcctgaaat gtttacatct ggggtaactt cacatcccct gaggttcac tcatgagctg 1920
gtgtgccact ggattcttct ttgctcttat aacaagaaat ggatgtgtct ttgaagggtgc 1980
accaatattg tttgtaacct ttcagagtca gcttttttgg cttgaaaact ttaatgtagt 2040
cagcaagttc aggaatggaa gtaatgtcac ccaaaattgt tgacgtttta ccccttcca 2100
gagtaatctc caggtctgaa agggcagcat caacttcac aacttctttg tcatgttgt 2160
tcaaattgatt ctctgatgtc atgattgaca gcttattgat atgatactgc agggctgcaa 2220
acatcatcat ttcttcttct gtgcattcaa tctcttcac gagaatggcc ctttggcct 2280
gtcataaag ctgattgatt ctgattgcat catactttgg attcaaataca aaaaagctgt 2340
aatacttgaa tcggagcagc aaggcctcat ttctcttcac atcttggtcc atgagagatc 2400
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cttcggggtg tctgatatta aaagtcttac agatgtcaga aacagctttg aagactctat 2820
cagagaaatt cactttcacc ttcacatact tcatgttggg aagctgcagg cggagcagtt 2880
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aatgtgtctt cagaagccaa gttctcttct tttccacca gagagcatgg tcagaccaat 3000
ctttttttac atcgagtttc tccaccagct taagcatcac gcctccaatg tgcacctcgc 3060
cggtcactct caggggtgaca tcgcggttca ggtccgtcac atggacactc agttcccacg 3120
tcccgctcgc gtagcagcca tctggcatcc ttatcccgtc cagagccatg gctccttcgc 3180
cgcgctccta gcgctccggg cccgggactc gcgcggcaac aggcgagggg ctggaggctc 3240
gcggggcggc ggtgtccgcg tccgcccggg aatt 3274

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<210> 3780
<211> 1891
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(943)
<223> similar to gil234793 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3780
accacactac aggccttaggg tattacctgc tattctttac aaagttcaca tctcagcctg 60
gctacgggtg gaggtctctat gggccctccc taccaggaaa cttgcagtat tgtctgcgtt 120
ttcatttatgc catctatgga tttttaaaaa tgagtgcac cctagcagtt tacatctttg 180
aagagaacca tgtggttcaa gagaagatct ggtctgtgtt ggagtcacca aggggtgttt 240
ggatgcaagc tgaaatcacc tttaagaagc ccatgcctac caaggtggtt ttcatgagcc 300
tatgcaaaag tttctgggac tgtgggcttg tagccctgga tgacattaca atacaattgg 360
gaagctgctc atcttcagag aaacttcac ctccacctgg agagtgtact ttcgagcaag 420
atgaatgtac atttactcag gagaaaagaa accggagcag ctggcacagg aggaggggag 480
aaactccac ttcctacaca ggaccaaagg gagatcacac tactggggta ggctactaca 540
tgtacattga ggcctcccat atggtgtatg gacaaaaagc acgcctcttg tccaggcctc 600
tgcgaggagt ctctgaaaaa cactgcttga cctttttcta ccacatgtat ggagggggca 660
ctggcctgct gagtgtttat ctgaaaaagg aagaagacag tgaagagtcc ctcttatgga 720
ggagaagagg tgaacagagc atttcctggc tacgagcact gattgaatac agctgtgaga 780

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ggcaacacca	gataatTTTT	gaagccattc	gaggagtatc	aataagaagt	gatattgcc	840
ttgatgatgt	taaatTTTcag	gcaggaccct	gtggagaaat	ggaagataca	actcaacaat	900
catcaggata	ttctgaggac	ttaaatagaa	ttgagtatta	agaaatgatc	tgcataggat	960
ttactagacg	aaaaccatac	ctctcttcaa	tcaaatgaa	aacaaagcaa	atgaatactg	1020
gacagtctta	acaatTTTTat	aagttataaa	atgacttttag	agcaccctcc	ttcattactt	1080
ttgcaaaaac	atactgactc	agggctcttt	ttttcttttt	gcatatgaca	actgttacta	1140
gaaatacagg	ctactggttt	tgcatagatc	attcatctta	atTTTggtag	cagttaaaaa	1200
tacaaatgta	ctatatTgt	gtcattttta	agtacacaaa	gggcacaatc	aaaatgagat	1260
gcactcattt	aaatctgcat	tcagtgaatg	tattggggaga	aaaatagggtc	ttgcagggtt	1320
ccttttgaat	tttaagtatc	ataaatatTT	tttaagtaaa	taatacgggg	tgtcagtaat	1380
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ttttctatgt	tttattcata	gaaatggagt	attaatTTTT	aatatTTTca	ccatatgtga	1500
taacaaagga	tctttcatga	atgtccaagg	gtaagtcagt	attaattaat	gctgtattac	1560
aaggcaatgc	taccttcttt	attccccctt	tgaactacct	ttgaagtcac	tatgagcaca	1620
tggaatagaaa	tttaactttt	ttttgtaaag	caagcttaaa	atgtttatgt	atacatacc	1680
agcaactttt	ataaatgtgt	taaacaattt	tactgatttt	tataataaat	atTTTggtaa	1740
gattttgaat	aatatgaatt	caggcagata	tactaaactg	cttttattta	cttgtttaga	1800
aaattgtata	tatatgtttg	tgtatcctaa	cagctgctat	gaaattataa	aattacctaa	1860
taaaaataat	ttgaaaatct	taaaaaaaaa	a			1891

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<210> 3781
<211> 1909
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1904)...(1434)
<223> similar to gi4567180 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3781						
aatttttttt	ctgtattatt	tattttgtgt	caccagtgtc	agggagtgtg	gaacaactgg	60
aaatgccaga	acattagcaa	ccagtagtat	caaataacaa	aattaaaagt	atggcctaaa	120
aggccccaga	gaaagtgcac	tttggggaac	actcttatgt	gtaaacagag	cttcagtcgg	180
ccttaggaaa	ctcactcgaa	gttactgata	tggtctgttg	gtgcttccct	gtattcacat	240
attgggaaac	ttgatcccc	aatgtaacag	tatgaagagg	gaggaccttt	gggagggtcat	300
gaggtcaggg	cccttgtgac	tgggattagc	acccttataa	ggggcctgag	gaagtctgct	360
gtttacaacc	acgtgaagac	acacatcaag	acacaagcac	tacctatgaa	gaacataccc	420
catcagacac	caaactctgc	agagccttga	tcttgacttt	cccgagcatc	cagaaccatg	480
agtgacaaat	ttctattggt	tataaattac	ccagtctaag	gtcttttgtt	acagcagcag	540
gaagggactt	aagacagtgt	ccttcacatt	tagctgcaaa	aatcactata	aaaataatct	600
gtgctcagat	gtatatactt	attgaatcca	tgcatatttc	tttctgaata	tcaaacctgc	660
tgctgtttct	tttcttcttt	gccccctcca	caatcactga	agccgatttt	gaccagacaa	720
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tcctagcttg	gtggctgcc	gcgtgcaact	cagggaaacg	gtgggtggag	ggataggaag	960
gccctcacgc	tcccaaccca	cggagaaaat	gcagatggtg	acaagctgca	tctggactcc	1020
aggatgtatc	tgacaaagag	ggagatgtct	cctccctccc	ctccaccagc	tccactttcc	1080

cgctgaagaa	acagagatgt	ggaggcaggg	gtgacctgtc	ccagctctag	gacagttact	1140
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aaccttgaag	tgtccccaga	tacgtcagac	accgaggggc	ttgctttctg	aggctcagta	1260
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accccgagtc	cccaccccag	gggagaactt	ctcacagccc	tgctgacaaa	gcgcgcagcc	1380
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atccgcaggt	ggcgcgtcag	gttcgtgttg	cggtgaagg	tcttcccgca	ctcgccgcat	1500
cggtagggct	tctcgcccgt	gtggatccgc	tggtgcacag	tgaggaggga	gttcttgatg	1560
aaggacttcc	cgcactggcc	gcacctgtac	ggcttctcgc	cggtgtggat	ccgctgggtgc	1620
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tccccggtgt	gcacgatctg	gtgcacgatg	agggacgagc	gccccgtgaa	gtgcttcttg	1740
cagatgtagc	actcgtaggg	cttctcgccg	gtgtggatgc	gctggtgctg	cgtgagcgag	1800
gagttcttgc	tgaaggcctt	gccgcactcg	ctgcactcga	aagcttcacg	ccgatgtgga	1860
agcgctggtg	ctggatgagg	taggagctct	ggctgaaggc	cttgctccga		1909

<210> 3782

<211> 1638

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(1336)

<223> similar to gi4877759 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3782

ggtgctgctt	ctgggtgtgcc	ccagacggga	cctggcaggg	aggtggcagc	cacccggccc	60
aagaccacca	agtcggggaa	ggcgtggcc	aagactcggt	gggtggagcc	tcaaaatggt	120
gtggcagcag	ctgctgccaa	ggccaagatg	gccacgagca	tccctgagcc	ggaggggtgca	180
gctgctgcca	ctgctcagca	cagtgtctgag	ccctgggcca	ggatgggagg	caagaggacc	240
aagaagtcca	agcacctgga	tgatgagtat	gagagcagcg	aggaggagag	agagactccc	300
gcggtcccac	ccacctggag	agcatcacag	ccctcattga	cggtgcgggc	tcagttggcc	360
cctcgcccc	cgatggcccc	gaggtccag	ataccctcaa	ggcacgtact	gtgcctgccc	420
ccccgcaacg	tgacccttct	gcaggagagg	gcaaataagt	tggtgaaata	cctgatgatt	480
aaggactaca	agaagatccc	catcaagcgc	gcagacatgc	tgaaggatgt	catcagagaa	540
tatgatgaac	atttccctga	gatcattgaa	cgagcaacgt	acaccctgga	aaagaagttt	600
gggatccacc	tgaaggagat	cgacaaggaa	gaacacctgt	atattcttgt	ctgcacacgg	660
gactcctcag	ctcgccctct	tgaaaaaacc	aaggacactc	ccaggctgag	tctcctcttg	720
gtgattctgg	gcgtcatctt	catgaatggc	aaccgtgcc	gcgaggctgt	cctctgggag	780
gcactacgca	agatgggact	gcgccctggg	gtgaggcacc	cattcctcgg	cgatctgagg	840
aagctcatca	cagatgactt	tgtgaagcag	aagtacctgg	aatacaagaa	gatcccaaac	900
agcaaccac	ctgagtatga	attcctctgg	ggcctgcgag	cccgccatga	gaccagcaag	960
atgaggggtc	tgagattcat	cgcccagaat	cagaaccgag	accccgggga	atggaaggct	1020
catttcttgg	aggctgtgga	tgatgctttc	aagacaatgg	atgtggatat	ggccgaggaa	1080
catgccaggg	cccagatgag	ggcccagatg	aatatcgggg	atgaagcgct	gattggacgg	1140
tggagctggg	atgacataca	agtcgagctc	ctgacctggg	atgaggacgg	agattttggc	1200
gatgcctggg	ccaggatccc	ctttgctttc	tgggccagat	accatcagta	cattctgaat	1260
agcaaccgtg	ccaacaggag	ggccacgtgg	agagctggcg	tcagcagtgg	caccaatgga	1320
ggggccagca	ccagcgtcct	agatggcccc	agcaccagct	ccaccatccg	gaccagaaat	1380

gctgccagag	ctggcgccag	cttcttctcc	tggatccagc	accgttgacg	aactgcagcg	1440
atcttactgg	ccaagccaga	gcgcctcctc	tcagattcct	tctcgacaca	gcaccctagg	1500
cggcttcttc	ctgtcagtcg	gaggtggcat	gcaagatgaa	gctctctttg	ctcttctctgc	1560
tttcattttg	tgcttttctc	tgtgttttca	tgttttgggt	atcagtggtt	cattaaagtt	1620
gcaaaattaa	aaaaaaaa					1638

<210> 3783  
 <211> 2124  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (280)...(1304)  
 <223> similar to gi2804429 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00459460

<400> 3783						
tgccagcccc	gtgccctacc	gacggccccg	cttccttcgc	ggctccagct	ccagcccccg	60
ggcgaccaga	cgcatcgcg	cgcacagact	cccgccccgt	gcgagcccc	gcacgaggac	120
gcacgctacc	ctggaatgca	ggctacgcga	tgcattatca	atgcagagaa	atctgaattc	180
aatgaggatc	aagccgcctg	tgggaagctg	tgcattccgga	gatgtgagtt	tggggctgaa	240
gaagagtggc	tgaccctgtg	cccagaggag	ttcctgacag	gccattactg	ggcactgttc	300
gatgggcacg	gcggtcctgc	agcagccatc	ttggctgcca	acaccctgca	ctcctgcttg	360
cgcgggcagc	tggaggccgt	ggtggaaggc	ttggtggcca	ctcagcccc	catgcacctc	420
aatggccgct	gcattctgcc	cagtgacctt	cagtttgttg	aggaaaaggg	catcagggca	480
gaagacttgg	tgatcggggc	attggagagt	gcctttcagg	aatgtgatga	ggtgatcggg	540
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gagatacggc	cactgagctt	cgagttcacc	ccagagactg	agcggcagcg	gatccagcag	720
ctggcctttg	tctatcctga	gcttctggct	ggtgagttca	cccactgga	gttcctcgg	780
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agagtccctg	acacaaacat	ccagctcaag	cccttcttgc	tctctgtgcc	acaggtgact	1020
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ggactctggg	atgtactgtc	caacgagcag	gtggcatggc	tgggtgcggag	cttcctccct	1140
gggaaccaag	aggaccaca	cagtctatct	gcaggatggg	cttcacaggt	tctcaaagct	1200
ggcccagatg	ctgatacaca	gcacacaggg	aaaggaagac	agtctcacag	aggaagggca	1260
ggtgtcctac	gatgacgtct	ctgtgttcgt	gattcccttg	cacagtcagg	gccaagagag	1320
cagtgaccac	tgaggattca	gacactgtat	cccagaactg	ctctagtgcc	cgggtgtggt	1380
ctgggcatcc	ctccagtgtg	accaagagca	aatcctgcct	gccctatccc	tagccaccgc	1440
ccagtgtctt	cactatccac	ctcaacacac	atccatctca	agaggaacat	ttataccagg	1500
cagtccagagc	tggaaagtgt	tggagagccc	agcccaccag	gtcctgcctt	ttgcggtgat	1560
aaccttctct	ggcagagtga	ctttacaact	taactaggaa	acccatgtga	ggctcctcag	1620
acaggatctt	gaacagccca	aagtatcatt	ctcagatagg	ggcaccacaag	ctaagggtat	1680
tagccaaaga	tgccaggatg	ggtagctagc	ccatgttttag	atccagggtct	ccaattcatg	1740
gttatcaggg	catgtgttca	acaaccccc	aagtccacgc	aggtggcttg	tagaaacctt	1800
tgggcagcct	catgtctgct	aaaacagcca	tcttcaagac	agcccctgaa	aagagaccag	1860
ttcaggctct	gccctgctgt	tctttgctgg	agatgaggaa	caggtgctgg	ggctaaagtt	1920

tggggtagag	cacaagggac	aagaggaact	cttggagttg	gctgggtgag	agggctctcc	1980
atttgctacc	tgtagtagcc	tgccctctta	ctgggttgctt	ctccctagtt	ccagccctgc	2040
cctggtctga	tgccccaaca	ctgcccttgc	tttgttttcc	ctgtcacctc	cctattatta	2100
aatgttttct	acagaaaaaa	aaaa				2124

<210> 3784  
 <211> 2042  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2044)...(1169)  
 <223> similar to gi5578968 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3784						
tttttttttt	tttactaaaa	cagaaagact	ttcaggaaaa	tgtcatttaa	tgatttcagc	60
tatacattac	atatacaact	ctgtagccta	gcaacaatca	ttgctacacc	atcattaact	120
ttaaatattt	tgcttggtga	gctattctca	aatgtagcac	attttaagat	tttgccatca	180
ttatgactgt	ggaatcattg	tttggttttc	atagggaaac	agatctgtca	cagtatgaag	240
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cagaatataa	ctaaagggca	ggcttcgatg	gctccacaaa	gggttgcggtg	cgggtaccaa	360
ccccacacct	cctggcttcc	ccgttcggca	ccgccctggc	cagggttcac	atgggtttca	420
tttccaggag	gatggctttg	ctctttcggc	agttagggta	ggttttaatt	ccttcaaagg	480
cacacaactt	ccatcttttt	tccagcgtgg	ctccacacc	cgtgaattcc	tgtttgaaca	540
tgcggtggcag	cctcatcaaa	agcattttcta	tttcatttgc	agatatcttg	gagtcagct	600
gctgcatgta	tgaccaaaga	tattctatgt	tggtccaaa	aggatggacg	tgaagaaacg	660
ttgatatgat	acatatttagc	agagcttctt	tctctgattt	taagccttgg	cttcttttct	720
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aatcctcatg	gctgtggcca	ttggtctcga	ccaattcctt	ggtacctttt	aattgttctt	840
gcaggacttt	tagtaacgct	tgtgtatggg	actgctcttc	ctttgcttgt	tccaattctg	900
actttttgtt	gtttaactcc	tcctggatgg	ttagcaattg	ctgctgcatg	ccttgcatgg	960
tttgctgcag	aaactgcagt	tgctggctct	tggtgaggtt	ttcttctgtt	cggaaaagct	1020
gttctttttc	ttgtttcagc	agctccacct	cattcctgta	ggcatccagc	tgccagcgga	1080
gactgtcatt	ctcctctttc	agagcgtagg	cctgggcagc	cagggctgat	tcacgcactc	1140
tcattttctt	tgtagggctg	tcacagttct	catcatcaga	catttccatt	tcttcttcgc	1200
ggcggatgcc	catgagctgc	tcactttgag	cattccggag	ctcctcagaa	tgctttcgc	1260
caaatgtcta	tgttcttgcg	ctgggctttc	gagaaatggt	ccaagcttt	ttgtctggta	1320
gaagcgttga	aaacggccac	aatctgctca	aattgagtga	gaatcccagt	taaggcattt	1380
ttaaaattct	ccttggtctc	ctccatctct	tgctcatggg	tggttttttc	attcattagc	1440
cggcggacgt	ggctgttggc	cgactgcacc	atggaataga	actggtttgc	agcagcgccg	1500
attcacttcc	cctcgttcaa	tccaggaaag	cagcactgtg	catagcctct	gaaaacttgc	1560
tatcatcttt	cagcttttca	gccagcagag	cggcttcgtg	ctccgagtag	tgcatatagg	1620
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gggcacgcat	cctctgcttg	cattcccact	catagaagtc	atccctggcc	tgggcaaagt	1740
ccacatgaag	gcggcctgaa	tcctttttgt	cggtgctaga	ccctaatacg	atcctataac	1800
cagaaaggta	aatggcttta	tcaaccatga	attcctctgc	aaagcgaatg	tgacaaaaat	1860
tcttcttgct	tttccgaatt	gctgtaatat	caccgcactg	ttcaaagact	tcttgaataa	1920
tttctcagct	agcattttct	ggtaatcctc	cgacaaacac	ggtcttacac	ccaggaggtc	1980



<210> 3786  
 <211> 1122  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(723)  
 <223> similar to gi2696613 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3786  
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 gctggccaaa gccctgctgg cctcatgcga gtttgactgt gtggacgaga tgctcaccct 120  
 ggctgccatg ctacacagctg cccctgggtt taccogtcct ccaactcagtg cagaagaagc 180  
 tgccctgcgt cgggcccttg aacacacgga tggtgaccac agttctctga tccaggtgta 240  
 tgaagccttt atacaaagtg gagcagatga ggcttggtgc caggctcgag gtctgaattg 300  
 ggcagcattg tgccaagccc ataaacttcg gggagaactc ctagaactca tgcaacgaat 360  
 tgaacttccc ttgtccctac cagccttttg ctctgagcag aatcgagag accttcagaa 420  
 agcactgggtg tcaggatact ttctcaaggt ggccagagac acagacggga ctggaaatta 480  
 cctactccta acccataagc atgtggccca gctctcctca tactgctgct accgaagccg 540  
 cagagctcct ggccagaccc ccaccatggg tggcttttac cacaattttc accatatcca 600  
 aagacaactg cctttccatt gtttctgaga ttcaaccaca gatgctggtg gaattggccc 660  
 ctccatactt cctgagtaac ttgcctccca gtgagagcag agaccttctg aaccagctaa 720  
 gggaagggaat ggcagattct acagcagggg gcaaatacgc cctcagcccc cggagttcag 780  
 agatccccctg tgtccctgca gtgaccctgc ctgccctatg gaatggagct gggttcatct 840  
 catcacatta gattatccct cagggtgaca ccaaagcacc cagacagatt tagaagccca 900  
 aagtttaggg tcaaagttaa accctggaac ctgagtccca agaaatggta gactgggaat 960  
 ggaaagaatg gggtaaacca cagtctacat agggaaggac tctttcctta gccttctctt 1020  
 attgattgga gagggactga catgctcctc attctcttaa ctttgccaaa cccattcttg 1080  
 tactcccttg tgatctataa aagatttttc tatgatgccaa aa 1122

<210> 3787  
 <211> 1773  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(360)  
 <223> similar to gil537068 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



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agatgttaca cagctcttta ataatagtgg ccatagctgt aataacaatg acaacagtag 420
gtagcggtag tcataccaac agtagggcag tgcattttat attacaactg gtttcttgct 480
ctagtaggct tggggatggg tgaagacgga cagggctggc gcagaccctt tccttctcct 540
ctccagccca cagtgatgtg ggcttttgca agacagcctg cttccattca gtagtggtggg 600
aaaagttcct ttttggttta acaatacccc tgagaccttg ttcagtgggc tgtgtctctc 660
cctgggatgc tgggagcacc aagtgtggcc cgagctaggg ctgctgactt cctctgggag 720
cctctgggct gcgaggggtct cttacaggaa ttgaggccct ttgctgctcc aagaaatgct 780
gaggctgtgg gcagaggggt gtaccaagg ggactcttgc tctgtgtctg actttggggg 840
atccccaggt gggcagggca ggaaggaagc ggctcccagc actgcaaagg ggcagcagca 900
ttacagctca gccttccaga cattgtagat ccagttgaga taggctgaga ccttggtgta 960
tactcctggg gtgctcgggc ccccgagcc atagcccag ctaacgatgc ccaccacatg 1020
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cccttcgggg atgcctgcac acatcatctt ctgggtgact tccccctggt acgcctcgtc 1140
tgcattgcac cgtgtgctgt caatgacctg gactgacgcc tgcagcagta tgtcagacat 1200
cttccctcca ttctgcttcg taaagcccca tccaatgatc cagagtgggg tggctggagt 1260
gagctcctca tcaaagaagg gcagacagat gggcctgact gtgcctgaga aagtgagtgg 1320
gaactgcagc ttcattgagg cgatgtcatt gtctttgggg tacatggggg tgaattcaat 1380
gatgatgatc ttggccacag ccagggatgg gaagctgcc agtttgtctg agcctgcccg 1440
caccttccag ttgaacacat cggtatgttt cctgaagcag tgggctgccg tgaggacca 1500
gtgggggtcc aggatgctcc ctccacagac gtgctgtttg tcgtactgga tgcctgacctg 1560
ccaaggccaa gaatccacag aggcctcctc cccaccacc acacgggggg tcttcaggct 1620
ctccccacag gcaagacagt gcagggagac cagggagcct gagagacagg gccacttga 1680
gttccgcatg cgaagctcct ggctgttttc tgtgatttca acaacatcca gatcctggtc 1740
tgggccaatc tccacagctc tgaaagtggg tttgctgctg tagcccatct gcctacaggc 1800
tgtctcagcg agagcttctg taagtgtgctg aaacaggcag gaattcctgc caca 1854

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<210> 3789

<211> 1147

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(965)

<223> similar to gi4337086 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3789

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ggaccattag tacagtgcgg tggaaattcgc gcattgggat ggtgctgggc gtggccatcc 60
agaagagggc tgttctctgg cctgtattgc gtttgaagaa gcctatgcc ggcagacaa 120
ggaggccctt aggccttgcc acaagggtc ctggtgcagc agcaatcagc tctgcagaga 180
atgccaaagt ttcattggc acacgatgcc caagctcaaa gccttctcca tgagttctgc 240
ctacaacgca taccgggctg tgtatgcggt ggcccatggc ctccaccagc tcctgggctg 300
tgctcttgga gcttgttcca ggggcccaggt ctacccttg cagcttttgg agcagatcca 360
caaggtgcat ttccttctac acaaggacac tgtggcggtt aatgacaaca gagatcccct 420
cagtagctat aacataattg cctgggactg gaatggacct aagtggacct tcacggctct 480
cggttcctcc acatggtctc cagttcagct aaacataaat gagacaaaa tccagtggca 540
cggaaaggac aaccaggtgc ctaagtctgt gtgttcagc gactgtcttg aagggcacca 600
gcgagtgggt acgggtttcc atcactgctg ctttgagtgt gtgccctgtg gggctgggac 660
cttctcaac aagagtgcta cctgggtaag gacttgccag agaactaca cgaggccaaa 720

```





tcaggtagta	aattcccaat	aggtctgctg	gagtggg'gc	tgagggctcc	ctgctgctca	1800
gacctgagcc	ctccaggcag	caggggtcca	cttaccacct	ccccaccctg	ttccccaag	1860
gtgggaaaga	ggggattccc	cagcccaagg	caggggtttc	ccagcaccct	cctgtaagca	1920
gaagtctcag	ggtccagacc	cttccctgag	ccccaccccc	cacccaatt	cctgcctacc	1980
aagcaagcag	ccccagccta	gggtcagaca	gggtgagcct	catacagact	gtgccttgat	2040
ggccccagcc	ttgggagaag	aattttactgt	taacctggaa	gactactgaa	tcattttacc	2100
cttgcccagt	ggaataggac	ctaaacatcc	cccttccggg	gaaagtgggt	catctgaatt	2160
gggggtagca	attgatactg	ttttgtaaac	tacatttcct	acaaaatatg	aattttatact	2220
ttgaaactcg	tgcc					2234

<210> 3791

<211> 2076

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(843)

<223> similar to gi4929199 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3791

gtggaattcg	ggcgtatccc	tgaggagggg	ctattggagg	tgcaggtgga	ggtgaacggg	60
gttccacgct	gggggagcgt	gtgcagtga	aactgggggc	tcaccgaagc	catggtggcc	120
tgccgacagc	tgggctggg	ttttgccatc	catgcctaca	aggtgcacca	gacctggtga	180
tgaacgcccc	gctagtgcag	gagacggcct	acttgaggga	ccgcccgcctc	agccagctgt	240
attgtgcccc	cgaggagaac	tgcctctcca	agtctgcgga	tcacatggac	tggccctacg	300
gataccgccg	cctattgcgc	ttctccacac	agatctacaa	tctgggcccgg	actgactttc	360
gtccaaagac	tggacgcgat	agctgggttt	ggcaccagt	ccacaggcat	taccacagca	420
ttgaggtctt	cacccactac	gacctcctca	ctctcaatgg	ctccaagggtg	gctgaggggc	480
acaaggccag	cttctgtctg	gaggacacaa	actgccccac	aggactgcag	cggcgctacg	540
catgtgccaa	ctttggagaa	cagggagtga	ctgtaggctg	ctgggacacc	taccggcatg	600
acattgattg	ccagtgggtg	gatatcacag	atgtgggccc	cgggaattat	atcttccagg	660
tgattgtgaa	ccccactat	gaagtggcag	agtcagattt	ctccaacaat	atgctgcagt	720
gccgctgcaa	gtatgatggg	caccgggtct	ggctgcacaa	ctgccacaca	gggaattcat	780
accagccaa	tgcagaactc	tccctggagc	aggaacagcg	tctcaggaac	aacctcatct	840
gaagctgtca	ctgcacactc	ctagctgctg	ccgatacacc	agatacctca	gcttattgga	900
gccatgccct	tcacagagtc	ccaactcaga	ggaaaagggc	cagtgccaa	gggcaccaag	960
aacctgctca	ggaagccttt	tgatggcaag	atcaccaatc	cagatggtat	tgctccctca	1020
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cttagctgag	ctcctcttct	gtaaggaaac	ccagtcaccc	ctgaatcttg	ccacagagat	1140
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gagaagctgg	tggatccaat	cctttcttca	tctgttggtta	tttagaactc	acctctcaca	1380
ctctgttctt	tagtgtcctt	acctttatct	taccacacac	atgggtgttt	ctattatcct	1440
tggaagcaca	gacctcgggc	atccccctat	tgcctgatgg	gccaacacca	acagttacgg	1500
agtgtctgag	aaggggcaag	tttcacagaa	atggccagat	agggccttcc	tacagagcag	1560
caagagtagg	ccaagcagaa	agactgctga	ggtaacacgg	accccagccc	ctgtcagggc	1620
ctctgccaa	gaaataatat	ggaccattta	cctggcaggc	agtctgctct	ctctcaggat	1680

caccacgcat	ctcaggattg	gtctaaactt	caagtctcaa	ccaagtgtct	gaagtgaact	1740
ttgcattgaa	taaatTTTTg	ccatggaaag	aacatcaaac	aagccactca	tctctacaga	1800
gataagaaaa	caagtttggc	agagcaagag	acagaagacc	gtggagaaat	cagaaggggg	1860
aacagtcagt	ttagttaagg	atggaacctg	ggaaaggcca	ccattcctgc	ttgatggggc	1920
tctgatttgc	tcttgctcaa	gtggaataaa	accccatggt	cttcttgaca	tgattcttga	1980
tcttttctcc	actgagacac	acttaagtga	tgatccttac	aggactgaca	ccctaattgcc	2040
aataaaagtt	gctcattatg	gactgctaca	aagacc			2076

<210> 3792  
 <211> 1226  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1196)...(466)  
 <223> similar to gi254449 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	3792					
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aacaggacac	ctgggtccca	gacgcctggg	aattgggtct	ctcaattccc	tttggttttg	120
gagggaggag	tttaaaactg	tgcatgggac	caggagggac	tcaagggtgg	cagtgggtgag	180
tgggagggaa	atacactttt	gggatgactt	cgtcaccctt	gagagagggg	tgtgagttac	240
ccagggaatg	ggtagggaag	gtttaaagca	acacccaagg	aaagaaggga	aactcatctc	300
ttgtagtgat	tcaacctga	gaacagatgg	ggagtggggt	tggctgtccc	ccatggatgg	360
atgaaaggtc	acctaatacag	tagtcaccag	gacatagtgg	tggaggcaca	agtggccaag	420
gagtgtctcat	ttggtggaga	ctgggaaagc	ggctgttatt	tagtgtctgt	gtagtagagg	480
gagcgcagct	ggtcccagaa	gaagagggag	aggatgggtgt	gggggccgag	gcggaagtag	540
gaggcaccta	tacccttgta	catgccaaaa	atgccctcgg	tccgagctgt	ctgcagcaga	600
gcgtccagta	tcccccggtg	catgaggccc	ttgccctgtg	catctgtgcg	gctggttgta	660
gagccttggtg	caggccacat	catagggtgc	catggccaag	acaactgcta	tgccactcat	720
catggcagcc	accagcgcca	acttccagct	ctggggagga	aagatctccc	actggctcag	780
gaggtccttg	gtggatgaga	aggtgcacag	ctgggtggag	gaaccgacga	taactcgggg	840
caggccgccc	agagccccac	gccataaccc	caccagacca	tgtttctggc	caatctcggt	900
tagcgctga	aacatgccct	gatgcttata	ctggtgccct	acagcaattt	ctgaggctgc	960
ctgtgcctgc	aggtgtgtct	tcaccatgta	gatggggctc	cccaagtagg	ctcccatgac	1020
cccagccatg	gccccagctg	ctgcgctgcg	ggcaggactg	tgggtgcctt	cggctgtgtg	1080
caggtagccc	ccagcctcag	ccagcccata	ggtgccctgt	cggatgccat	tcacaggaa	1140
ctggtacaag	agggaaaagg	acaggccttt	ctgcaggcca	gcaaggccat	ccacctgccc	1200
aggtgataat	caaccgcttt	gcgatc				1226

<210> 3793  
 <211> 5703  
 <212> DNA  
 <213> Homo sapiens



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aaatggaatt	atggccttgt	acaaagcacc	tgattttttt	atacttaaaa	acaggcataa	2940
ttgaaccaac	caaaccaatc	aaaaacatca	cctaataaaa	agccacccac	ggattctaga	3000
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ataaaaacttt	gttttagaaaa	aaaggaggca	ggcaagatct	gaccacacaga	ccagtttgcc	3300
aaactctcat	ctagacaatt	agtaagattt	cttttcaata	agcggctctac	ttaaaacaaa	3360
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cctttcaaac	agatggctgt	aaagaaaaaa	caaagtaaaa	tgcaagtata	tccaaagttt	3480
ctaatttgta	tatacagcta	taacattttt	ttaaatgtag	at ttttatca	gtgttttaaaa	3540
aattagatct	atagcttccc	taaggaaggg	tagaagaata	gatgacatct	taattttgca	3600
ttcattccta	atattacaga	tgcattttact	acacaggaga	agagaaactg	tgaggagaag	3660
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tccatcttgt	cttctctcca	catgaacttg	gccgtgatcc	atgttctcag	atgccagcac	3780
ccagcccacc	ccaacacacg	gcagccagtt	ctcacctcca	catcaaacag	cgtcgagcca	3840
tagccaggcc	actccttgat	caaggccatg	tacttgcca	tgccctgttc	ctggttcatt	3900
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aaccgcttcg	tgggcctgtt	caaacataaa	tgcaaaactcc	acactgtctt	ttggcacggt	4320
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agggttatcc	agtgggtgca	tctcctccgg	cgtgtcggcg	ttgcagtgca	gcacccgggt	5640
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aat						5703

<210> 3794

<211> 1623

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(550)  
 <223> similar to gi456757 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3794

caacttctcc	gagttctacg	ttgagctgga	ggccaacaac	gaggggtgtcg	agtgcctgcg	60
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gctggagaag	atcaagacca	tcggcagcac	ctacatggct	gcctccggcc	tcaacgactc	180
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gatggaccag	atgaagtaca	tcaatgagca	ctccttcaac	aacttccaga	tgaagatcgg	300
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gtggtcctct	gcccacacct	ccacgcacac	agacagtgcc	ctaggaggga	aacagaacta	1140
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attaaataaa	acaaaacaag	ttctccgtgc	ccttcttttag	actatgctag	ttgtatgcgt	1260
gtaagagaca	cacaagcaaa	cgaggacgcc	actcgggggg	agggcgggga	tccccacttg	1320
tcttttttgt	attttttatt	ttgtattatt	gaaagccttg	gagatctcac	agatagatat	1380
gccaaattct	atattttgta	aattctctat	attagaaaac	agctgtgcac	agcagggcgg	1440
gtgtgctcat	ttgtactgtg	tgtatgtcgg	tgtatgtact	ggtgtatatg	tgtgtgtgtt	1500
catgctgtgg	aactggtctc	acacaggatg	tgtttccctc	atttcagatt	tggcagtttt	1560
gggttttcca	aggtaccacc	agagcagtgg	gtgtgtgctt	ttgggggtacc	atatgctcag	1620
att						1623

<210> 3795  
 <211> 1296  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1298)...(516)  
 <223> similar to gi2314829 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3795

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tatttcaatt	tggaagttca	acttcaaaga	aaaatcataa	aaatgtaagt	tttattgagt	180
gcctatagtg	tgcatggg	tttattagac	acgccaaatt	caggcacaac	agacacaaga	240
tccctgggct	caggtacctt	atgatcta	taatagatat	tagaaacagt	aggaaaggca	300
agttacacgt	caatgcccaa	tgactagagt	caacattaaa	gagttgta	ttaagtaatc	360
caaactgaca	tctaattcca	aaatcattta	taaaatgtat	ttggctttgg	aatccacagg	420
acttcaaaca	agcaaagttt	cactgcagat	agtcacaaag	atgcagatac	actgaaatac	480
tttaagagcc	ttattaatga	tttttggtat	tttggatcct	ctgttttttt	cttattatgg	540
tccgaagcct	ccttaatacc	aatttatcag	acagaagcat	gtcatcttgt	tgttcaagat	600
aatccagtaa	attttcagtc	ccatccaagt	gccgctttat	ggctaata	cttctctgga	660
ttcagttctg	tttttctact	cttactggaa	ggcttttgct	cagcagcctt	ggctctggcc	720
tcagcacttt	cactgtcagt	cagcacctga	cagcttgagt	cactgctccg	agagtcgaac	780
cactgatcaa	tattctcaat	gtcaacatgt	tcacattctt	ctgtgttctg	taaaactgtt	840
ggtaaattag	ctgctaaaat	ggctccttca	tcaatgttca	tacctgaatt	ctcttcattg	900
ccagggaaaa	gttttttcca	tgctttgggt	atggtacttg	attttaccat	gttccaagct	960
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attattctgc	catcatctga	actcaacatt	tcttcatttg	gacgtgctgg	ggggaaatct	1200
aaaagaagca	ctgctttttc	taaaagtccc	ttggatttca	aatgcttctg	tacctgtggc	1260
acaaagtact	tttcaaacca	ctgtctgaaa	acagac			1296

<210> 3796

<211> 3886

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3876)...(644)

<223> similar to gi3334747 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3796

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gccccataaa	aaaaatttta	ttttgcaagc	ccggggcgta	taaattgggt	cctttaaaac	180
ggcccccccc	tttttttttt	ttttgcaaaa	tgctcaagtg	tatttatgca	acagactggc	240
catgtactga	ggaggggagc	gcaggctgag	ggctgaggta	ggagtgagg	tcttcctcct	300
gcagccacca	ggcagctgat	caccatgtcc	aagcgtcatt	cctgagacct	tcaggtgatg	360
ctcacgtccc	cagaacagca	ggctggatgc	atggccagag	gagctcggcc	agccccgggg	420
ctggctctga	gaggtggctg	caggcggggg	gggtaagggc	ccctcctcca	ggcagcaggt	480
gacccatagc	ccacaccctc	cacaagaaag	cgggcgtgga	cagtgtgttc	aaagctgcag	540
ccgcctggac	aggggcacaa	gttccactgg	ccttggaagc	cgagctcaga	ggacatatgg	600
gaggttctcc	ttggaggtca	ggaggggcgg	cagtgtctgg	cagtgcattg	gggacactgg	660

gacgcctctc	tcccagctcc	cactctctgc	ctcctggctg	ggctcggggt	ccgcctctctc	720
cgagtgcctg	gtgtcgcccc	gcgcagggca	gcgcggggcc	atgcagccgc	actcttccac	780
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tgtgctggct	tttgaaacag	aggctgtgct	ggtgggtggga	acggggctgg	gagtagttcc	3840
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<210> 3797  
 <211> 1086  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1087)...(334)  
 <223> similar to gi2950237 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3797

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ccaaggggtg	tgggctgcag	tctctggtg	ccaaggacag	aagagctggg	cccggctgca	180
ggggcctcaa	cagcctcgtg	ggctcgggag	tccaggctgg	acagacgggc	caggagagct	240
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gaggcgtctg	ggtcctgggg	ggactggact	tcagttcacc	gtaggcacct	ggctgtggtg	360
caggctgaac	tccttggcct	tgagacggag	gctggcgatg	ctgttggcca	tggtgacccc	420
tggggttg	gggcctgagc	tcccagggt	gtagggtggc	actgtgctgt	agggggacga	480
ggctgtccag	gagagataat	ctggactcaa	gggcggtggg	ccggggagcc	cacgggctgc	540
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ggccctttca	ttcctgcgga	acttggcgcg	gcggttctga	aaccagacct	gaacgcgcgc	660
ctcgctgagg	ttgacgcgcc	gggcaagctc	ctcgcgcaca	aaggcgtcgg	ggtagtgcgt	720
gcgctcgaac	acgcgtcca	gcgcctgcag	ttggctgctg	ttgaacgtgg	tgcggttccg	780
ccgctgcttc	ttcttccgct	tggcggcgt	accgcgcccc	gggctgggac	actcaccatc	840
ctgcggcgcc	gcctcgtgct	cgctgctgcc	cccggacggc	tcccgctgctg	cgccctcccg	900
cgccctggcc	ctggccccgg	ggcgcgccgc	cagccgcccc	gccgcgcgcca	cctcttccag	960
gtccaggagg	tggctcaccg	agaagttctt	gcgcgcctgg	gcgcagtcgc	cgggccccag	1020
cgcggggtgga	ggcgggcgcg	gccccggggc	cagcgccggc	ttgtccaggg	cgaaggcggc	1080
ggccgc						1086

<210> 3798  
 <211> 2973  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (901)...(2001)  
 <223> similar to gi4079809 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3798

caagctttac	aaggacccag	cgggaccgtc	gcgcgtgctt	ctgccggtgt	gggaggcaga	60
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acctactggg	agagcgatgg	gtcccagtg	caacactggg	tacggcttac	tatgaagaag	180
ggtaccattg	tcaagaagct	gctactcaca	gtggatacca	cagatgacaa	ctttatgcc	240
aagcgggtgg	tgggtctatgg	gggtgaagg	gacaacctga	agaagctgag	tgacgtgagc	300
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gctgtcctcc	tgcagagatt	catcaagatc	ctcgatagt	tctgcacca	cctggtacct	600
gcctgggacc	acacactggg	caccttcagt	gagattaagc	aagtgaagca	gttcctactg	660
ctgtcccgc	agcggccagg	cctggtgggt	cagtgcctgc	gtgactctga	gagcagcaag	720
cccagcttca	tgccacgcct	atacatcaac	cgccgtcttg	ccatggaaca	ccgtgcctgc	780
ccctctcgag	accctgcctg	caagaatgca	gtcttcacc	aggtatatga	aggcctcaag	840
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tgggagtgt	aattttattgc	agaaggcatc	attgaccaag	ggggtgggtt	ccgggacagc	960
ctggcagata	tgtcagaaga	gctgtgccct	agctcagcgg	atacccccgt	gcccctgccc	1020
ttctttgtac	gcacagccaa	ccagggcaat	ggcactggtg	aggctcggga	catgtatgta	1080
cccaacccct	cctgccgaga	ctttgccaa	tatgaatgga	tccgacagct	gatgggggct	1140
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<210> 3799

<211> 2186

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1484)

<223> similar to gi406738 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3799

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<210> 3800

<211> 4308

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4309)...(2761)

<223> similar to gil054874 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3800

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<210> 3801

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(2457)

<223> similar to gi34672 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3801

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<210> 3802

<211> 678

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (679)^{-} \dots (182)$$

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<223> similar to gi4680715 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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tcagtcattc	cttcccg tcc	cgcaatgcc	ttgcccttgc	cactctcatc	aaagcgctcc	300
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<210> 3803  
 <211> 1042  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> similar to gi968973 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 <211> 6839  
 <212> DNA  
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 <222> (1)...(4914)

004875.0100

<223> similar to gi3043588 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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 <222> (3458)...(406)  
 <223> similar to gi5353510 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 <211> 1602  
 <212> DNA  
 <213> Homo sapiens  
  
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 <221> misc\_feature  
 <222> (53)...(883)  
 <223> similar to gi786117 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ctcaggtgtc agcgtttttg agttctttcc caccaccttt tgtgaaataa caagcaatcc 1380
cattctgaaa catttccatc tcccctaccc actgtcctcc ctacacacac acttgagag 1440
agagagagag acgggggtttt gctctgcttg ctctgtcact tgggctggag tacagtgggtg 1500
cagtcatacc tctactgcagc cttaaacttc gaggtcgaag cagtccttcc acctcggcct 1560
ctcaaagccc tggatcacag ttctgagcca ctgcgccag cc 1602

```

```

<210> 3807
<211> 2255
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1283)
<223> similar to gi4689229 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3807
aacaacaaat gaataatttt atagaaaagg tgaagaccaa aagcagaaag ttttccaaga 60
tggtagccaa tgatatagca aagatgtcaa ggaagttaag cttacctact gacctaaagc 120
ctgatttaga tgtaaaggat aactccttta gccgatcacg gagttcaagt gtaacaagca 180
ttgacaaaga atcccagagaa gcgatctccg ctcttcattt ctgtgaaacg tttactcgaa 240
agacggactc gtcccttccc ccttgtctgt gggttggaac aacgctagga acagtgtctg 300
tcattgcact gaaccttccc ccagggggag agcaaagact tcttcagcca gtaattgtgt 360
ctccaagtgg tactatattg aggttaaaag gtgcaatctt gagaatggca tttctggata 420
ccacaggctg cttaatacca cctgcgtatg aaccttgag agagcacaat gttcctgaag 480
aaaaagacga aaaggagaaa ttgaaaaaac ggcggcctgt ctgagtatcc cctcctcttt 540
ctcaggaat tagtgaaaac cagtatgcag tgatatgttc tgaaaagcaa gcaaaagtaa 600
tctcactgcc aaccagaaac tgtgcttata agcaaaatat tacagagacc tcgtttgtgc 660
ttcgtggaga tattgtagca ttgagtaaca gtatctgcct tgcctgtttc tgtgccaatg 720
gacatataat gacttttagt ttgccaagtt taagacctct gttggatgtg tattacttgc 780
cccttaccaa tatgcggata gccagaacgt tctgctttac caacaatgga caagcattat 840
accttgtttc acctacagaa atccagagac ttacttatag tcaagagacc tgtgaaaatc 900
ttcaggaaat gttgggtgaa ctcttcactc ctgtagaaac acctgaagca ccaaacaggg 960
gattctttta aggcttattt ggaggtggtg cacaatctct tgacagagaa gaactatttg 1020
gagaatcgtc ctcaggaaaag gcttcaagga gccttgaca gcatattcct ggccctgggt 1080
gggcattgaa ggcgtaaaaag gggcagcatc tggagttgtt ggtgaattag cacgagccag 1140

```

gctggcacta	gatgaaagag	ggcagaaact	tggcgatctg	gaagaaagaa	ctgcggccat	1200
ggttatcaag	tgcagagtcg	ttttctaaac	atgctcatga	gattatgttg	aaatacaaaag	1260
ataagaagtg	gtaccagttc	tgacaaccag	aatccaataa	gtccaacttc	agccagaagg	1320
aaaaaagttt	tccattttta	ttacattctt	taggaaagtt	aacgttaaag	ggatgttcgt	1380
cactgaatac	tgttctttcc	tagcacagtc	atgcactggt	ttacctcagt	catgtggctt	1440
taactgagga	gtgttcacac	gcaactcgaaa	tggagtatat	ggtgtgtgcc	agttatgagt	1500
tgaccatttg	ggaattaaac	aggtcacacg	tgacagatga	agaaaccaag	ggggctgctg	1560
aggagacctg	gtgcagggac	taatcctgga	tcattcctgt	attaaacttt	catatgccaa	1620
aagggtttgt	gccgttttat	ctgccatcag	tgtttgacct	gtttagggca	gaggcaataa	1680
gtcagaagtc	ttgaagttga	aatagttata	tgtgtgtcat	tggactggat	tataaacagc	1740
tgtcttggac	tttcctctct	ttaacactga	ctggttatca	gtatcattag	tgaaaaagaa	1800
acaaattggt	tgttatcatc	tcttttagaca	gataagctga	atggtgggct	ttaaataata	1860
aaaacataca	catagttgac	ttgtgtatga	gctactcttg	gattcttgtt	attatagact	1920
tgtatttagt	tcatattttg	tcaaaagcaa	aacaagaaga	tacatcactt	ttcattgaaa	1980
agaaaagtgt	agagcatgac	tgaattgctc	atcattctgg	gagtttccat	gtagtggcta	2040
tgcagtgtgg	aaagtgagaa	aaacctccat	tgtggtgagg	agaatacttc	aatgtccctt	2100
gtccttgttc	tcattaattc	agctaaagg	ggatttgacc	aaaataatgc	tggttaaatt	2160
tgtagaaatg	ttgaaattgg	ctgtgtttta	aattttgctt	gaatttttat	aaaatgttta	2220
accaaaaaaa	aaaaaagggg	ggccccctta	aaaag			2255

<210> 3808

<211> 1310

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(571)

<223> similar to gi457883 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3808

cgcacatgat	ccggctgctg	cggctgcggc	gctgaagtcc	ggataccgcg	tgggtgtaccc	60
cacgcacccg	ctgcacggag	ggcactcctc	gctaacggcc	gccgcggctg	ctggcgccac	120
accgccctcc	ctggacggac	acccctctta	cccctacggc	tttatgctcc	ctaacgaccc	180
actccccac	atctgcaact	gggtgtcggc	caacggggcg	tgcgacaagc	gcttcgccac	240
gtccgaagag	ctgctgagcc	acttgcgga	ccatacggca	tttcccggga	cagacaaact	300
gctgtcgggc	taccccagct	cgtcgtctct	ggccagcgct	gccgcggccg	ccatggcttg	360
ccacatgcac	atccccacct	cgggcgcacc	gggcagccct	gggacgctgg	cgctgcgcag	420
ccccaccac	gcgtggggac	tcagcagccg	ctaccacccc	tactccaaga	gcccgttcc	480
cacgcctggc	gccccctg	cgggtgcccgc	cgccaccgga	ccgtactact	ccccctacgc	540
cctctacgga	cagagactga	ccaccgcctc	ggcgctgggg	tatcagttag	ggcgccggg	600
agggcgagcg	agggagagga	gggagagggg	gaggggagga	gtccagggag	aggcgggatc	660
acggcccagg	ctgctgacac	ccgcgcgtgg	ggaggactcg	ggccacgaaa	ggaaagaaat	720
gtataccgta	tctatctacc	cgacagcagc	gaccgagacc	cgggtgggaca	ctcccccttct	780
ccccactttc	acctccccac	ccaaacttta	taaaagttga	aaaaatatca	tttgactttt	840
tatagaaaaa	aaaaggaaaa	aataattgag	aaagtgttca	tctgaggact	gcatcgggtg	900
acactgggat	ttatttatgt	tagctccaag	cggaccgggtg	gttcaaaagt	gcattatttta	960
gtttgagctc	tgtaggtaaa	aaggaggtgg	gaaaaatttt	aaaacttgag	ggtaaaaaatg	1020
tggaaaacaa	accctcccat	cccttgtaga	ttataaataa	aagcaaaacc	gccacagaac	1080

tagaggtctt	ctctttaatg	ttactttaaa	attgctatga	ttgtattgta	cgttatttaa	1140
tgtctgattg	aaacacaaat	ttacatgcat	gtttgttaca	aaaaaaatga	aaaaaaaagt	1200
cacaatttgt	cagctctgat	ttcaaattgc	aattattttt	aaggtgtata	ccatcgaaga	1260
gaatgggtat	ttttttgtat	gtattctgga	agaaaacaac	aaaaaaaaaa		1310

<210> 3809

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (499)...(261)

<223> similar to gi927637 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3809

tttttttttt	tttgggtttc	tacacaggtt	tattttgtgca	aagtttagagg	ggtaatgggtg	60
gttgaagacc	caagtctctg	ggtaaggtgc	tgggacctta	aggaacagaa	caagaaggga	120
agatgctggg	acctgatcag	gagtgggggc	acatgctggg	tgctaaggct	gggctgggta	180
ccaggggtcaa	gccctaggag	tactgtattc	aagcgatggg	acagagactg	aggccagccc	240
ctcaggtctt	gatttttact	tccctcacca	ggttcagcag	tttgtccagt	ttcgcaatct	300
ccacagctgg	accttctgc	acctcctgcc	ccttcttttc	ctttggcatc	ttgcgcaaatt	360
tgggtgagag	cttgaggctg	atgatgtgcc	cacggtcac	gcccacaatg	atgatgggggt	420
ggatgagatt	gaactgcacg	tgggtgagcc	tgttcttttt	ggccgccaca	ggctggggtg	480
gcagatggcc	tcatacct					498

<210> 3810

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (227)...(1673)

<223> similar to gill36404 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3810

ttccccgtgcc	tggggagtg	gagaaggctt	tagagaggat	gtagcatttg	actagtctta	60
aaagagtaga	attttgccaa	gcagagaagg	ttatgtccca	tatcaagggc	aggagattca	120
aatcagtggt	tgtggtattg	agaagtctct	gatgagcaca	cccaggctgg	agaggggggc	180
cttccccact	ggcagcaacc	tcaccacatc	cctgtggctc	tgcatgcagg	gaggccagac	240

tgcgctgatg	ctgggagtc	gccacgacag	ggaggacatg	gttcaagcgc	tgcttagctg	300
ccaggcagat	gtcaatctgc	aggaccacga	tggatcctcg	gccctcatgc	tggcctgtca	360
ccatggcaac	gtggacctgg	tgcggctgct	cctggcacac	ccagcctgcg	acagcagcct	420
gactgacaag	gctggccgca	cagctttgtc	catcgctctg	aagtcaccca	cccatatgga	480
aattgctggg	cttctgagag	cccacgcgga	gcagggcagg	tccctggggc	tgtaggggct	540
gcagaagaac	tggccgtggg	gaacaaaagc	cttcttctct	ggactcctcc	ctcgcccttg	600
aagagggcag	aggtcacagg	ccagagagcc	acccttctag	agaagaaact	atgtcaaata	660
tgcacataca	ttcctgttgt	ataattctgc	tcattaggat	gctttgtagt	ttttgcctta	720
ggccaagcct	gaaaactaca	cgggcttcag	agcaggggtc	aaggtgcaag	gtgaggggta	780
cgtcgggtgc	atccaaacat	ccaaaacatc	ttcagccttg	aattcctcat	gactctaccc	840
tctgtaacat	tgtgtagcaa	gcaggcaggc	aggagcacat	tagcacatta	gaaaagcaat	900
actttttaca	ttgaatttta	cagtgcacta	tctttctgtt	ttttaagcaa	gtgtatacaa	960
atatgtccca	ttgatatgca	tgtctataga	tgggagggga	tttaagccaa	ccccctggca	1020
agcattctgt	aggggaccct	agaagaatca	ccgtgcagac	tggtgaaact	gaacaagcac	1080
catttgaggag	ctttgtttcg	atgggggttg	cagagaaatc	ttaaaatctg	acagggtaga	1140
agaagcactt	tggcatcaat	gccatatgta	cagtcttgac	tatttctgag	tcacttagtg	1200
gctccaattt	gctccaggga	aattggaatt	aattaagaaa	tttattatct	agtaagttgc	1260
tatgtaataa	agaaaaaaa	gaaattcaat	ccaatgacac	acaccacatg	tatttgggca	1320
gagtcagatt	ctctcagcta	ttttgagtct	gtggaagaaa	caaaaaaaag	cttcctcctg	1380
aggatgggtt	attgtcatca	agaagccacc	tgcatagccg	tatccattac	ctcatggtaa	1440
ttcccgggtg	tttcccctca	tatcccctag	aagcaaatat	ctgttctgag	gttttttggg	1500
acttctggct	gcaataggag	caagggaccc	aggcagggca	gagcaatacc	ttccgaagct	1560
tccatattcc	ctggggccag	cacatgcaag	gtttatatgg	tcagttagctc	acgtgaagtc	1620
atctgaatct	ttcttaaate	tgctctctta	aaatctctta	tgcaaaaaaa	aaa	1673

<210> 3811

<211> 604

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (607)...(135)

<223> similar to gil89049 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3811

aacctcaaat	gttttaattg	tgggatctta	ttcactgtgt	acaggattct	ctaaagagac	60
cacctggctg	ggtgctcaaa	ccacacgggc	tgacccaaaa	gacacccaaa	ccaagagttg	120
ctcgggaggc	actaaatggt	gacggctctt	gccagcttca	catcctcaat	ttcagcagac	180
agccagcagt	aagtgtgatg	aagccgcagc	acctcaatgg	ccttgagttc	cagtgggtgt	240
gcctgaatac	caaggctctt	taagctgggc	aggtgagaca	aggtcatgtc	tgtgatgtga	300
atacgtccca	ctttatccct	tgttgtccag	gactcaaatg	ggcttatttc	aaagtcttct	360
tgctacccac	tgataggcca	aaaggtggca	agggggtacg	ggaggaagta	cccccttttg	420
ctgtgagcca	cagcaaagat	gtacttcacc	aggtcaaaga	ggagatatcg	atttggccca	480
acgaaagcaa	aggttttccc	attggcatca	ggatccttaa	ctgcattagc	aattcctttg	540
gatacatcta	cgacgtatac	tggttggtta	actgccttcc	agcccaagga	aacaaggggt	600
atag						604

<210> 3812  
 <211> 1180  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(650)  
 <223> similar to gil93367 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3812  
 agcagctggt gcggaaggcg gccagcctgt tgctaccttc tctccaatga aggcaccatc 60  
 tcactgcctt gccagacatt ttaccaagtc tgccatgaaa cagtaggaaa gtttatccag 120  
 tatggcattc ttacagtggc agagcacgat gaccaggaag atatcagtc tagtcttgct 180  
 gagcagcagt gggacaagaa gcttcctgaa cctttgtctt ggagaagtga tgaagaagat 240  
 gaagacagtg actttgggga ggaacagcga gattgctacc tgaaggtgag ccaatccaag 300  
 gagcaccagc agtttatcac cttcttacag agactccttg ggcctttgct ggaggcctac 360  
 agctctgctg ccactcttctg tcacaacttc agtggctcctg ttccagaacc tgagtatctg 420  
 caaaagttgc acaaatacct aataaccaga acagaaagaa atgttgagc atagtctgag 480  
 agtgccacat attgtcttctg gaagaatgct gtgaaaatgt ttaaggatat tgggggtttc 540  
 aaggagacca aacaaaagag agtgtctgtt ttagaactga gcagcacttt tctacctcaa 600  
 tgcaaccgac aaaaacttct agaataatatt ctgagttttg tgggtgctgta ggtaacgtgt 660  
 ggcactgctg gcaaatgaag gtcattgagat gagttccttg taggtaccag cttctggctc 720  
 aagagttgaa ggtgccgtcg cagggtcagg cctgcctctg ccgaagtga tctcctggaa 780  
 gacaagtgcc ttctccctcc atggatctgt gatcttccca gctctgcatc aacacagcag 840  
 cctgcagata acacttgagg ggacctcagc ctctattcgc aactcataat ccgtagacta 900  
 caagatgaaa tctcaataaa ttatttttga gtttattaaa gattgacatt ttaagtacaa 960  
 cttttaagga ctaattactg tgatggacac agaaatgtag ctgtgttctg ggaactgaat 1020  
 cttacatggt attattagtt gctggctggg taatttgttt ggtatattat ctgggttagtg 1080  
 gttaatgctt cctttaaaaa taattgagtc atccattcac tctttttcag ttttatctgt 1140  
 caatagtagc tacattttta atggcagcac caccaataca 1180

<210> 3813  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (418)...(68)  
 <223> similar to gi887899 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



09488725 012100

<400> 3813  
ctcgtggtga aggcctttttg gcactgatga cattcatgca tttttctccc gtcgtacatg 60  
ctcatgtgct gagtgagggtg cggcctgccc ttgaacgcta ccccatagtc gcggcggtga 120  
tagggcctct tgccagcgtg ccttcccatt ggctgagtga gatgagggtc catgccaaag 180  
acttcgaaca agtgagcgtg ttcagtggac ttctctccaa gaccggctct tccatcgtc 240  
acaccactgg gcgtttcctt cccaaaaata tcttcataa gaagtgaaca cttgggttta 300  
gatggagtct cccaatctgc acaagcgccc tggtgagcgc ccctctcctc tgcctcggc 360  
tcctcctcct gctccaagtg tgagatgagg ctgggtttgc cgacctgata cccca 415

<210> 3814  
<211> 746  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (53)...(607)  
<223> similar to gi3493211 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3814  
gcggccgcgg agtggcctac cggggaccct cccccagagg aaccgtgccc tgggcgggga 60  
gatgaacggc ttcaagcacg gaggaaggac agccggggag gggcccccgc cggcccaagc 120  
tgccgcggcc cggggctacg gccaaagact gctgcctcaa tcgaggacgg cgagcgtgc 180  
gtccggcccc cgggcaacgc ctccttcagc aagaggggtc aggaagagca tctcgagaa 240  
gaaactcaag ctggacatcg acaagagcgt aaggcaccta tatatctgtg attttcacaa 300  
aaatttcatc cagagtgtcc gaaataaaaag gaagaggaag acaagtgcgc atggcggaga 360  
ttctcccagc cagcactg acattcctga ggttgatctg ttccagctgc aggtgaacac 420  
cctacgacgt tataaacgac actacaagtt gcagaccaga ccaggcttca ataaggccca 480  
gttagcagaa actgtgagtc gacacttcag gaacatacct gtgaatgaaa aagagaccct 540  
tgcctacttc atctacatgg tgaagagtaa caagagtaga ctggaccaga aatcggaggg 600  
tggcaagcag cttgagtgc gatgaagcac atcttaaagg aatgaagtgt aatgcttgat 660  
gcacaggtga tatctactac atttaagccc ataaagactg ttaaataatta ttgtaaataa 720  
aaaagtttga atgatgaaaa aaaaaa 746

<210> 3815  
<211> 1419  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(573)  
<223> similar to gi5262557 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3815

aatagtttca	ccagtagttc	cgagtttggt	atacatcaga	gaatccacac	tggggagaaa	60
ccgtatgagt	gtaatgagtg	tggcaaagct	tttgttggta	attcaccctt	acttcggcat	120
cagaaaatcc	acactggaga	gaaaccctat	gagtgtaatg	agtggtggcaa	aagcttttga	180
aggacttccc	atctaagcca	acatcagcgt	attcacacag	gggaaaagcc	ttattcttgt	240
aaagtatgtg	gacaagcctt	caattttcat	acaaaactaa	ctcggcacca	gagaattcac	300
agtgaggaga	aaccctttga	ctggtgtaga	ttgtggaaaa	gccttcagtg	ctcaggaaca	360
attaaaaagg	catctgagaa	ttcatactca	ggagtcctcc	tatgtatgtg	atgagtgtgg	420
aaaagccttg	actagcaaaa	gaaatcttca	tcagcatcaa	agaatccata	ctggagagaa	480
accctatgag	tgtagcaagt	atgagaaggc	ctttgggact	tcttccccag	ctaggtcacc	540
ttgagcatgt	ctactctgga	gagaagcctg	tgctggacat	ttgtcgtttt	ggcctcccag	600
aatttttttac	cccccttttac	tggtaatagt	acactccagt	gaaatgtact	gagtggattc	660
cgtcttctac	tcaggaatgg	aatgtgtgac	acaggcctga	ctcagcctct	gatccatccc	720
tcaagccaca	gttaatgatt	cagatgtcag	tagatgacca	aagatgggtc	aattagagtc	780
ccaggattgc	aagagctaata	aggaacaaat	actctcccc	cgcccccccc	cattgggtttt	840
aatgctgaga	agaagaacta	gactcttaca	gagggtgagaa	tgaagtccac	acagcaaaaa	900
tgcactctgag	aattggagag	cagtaaaaga	ctgaagataa	tgtttgaaca	gccacataca	960
ccatgcctga	agctaaaaat	atatacgggt	ttttgaattg	cagcagccaa	taaattccat	1020
ttttgtttgg	ttgggttttg	ctttggcaca	cctgagttag	gttttcttgc	cttggaacag	1080
aattttgact	taaacagtgt	tgtcattgta	gcagttgttt	gaagttttca	gggataacat	1140
acctgatgga	gaaatgtttt	gtgtgtatga	tataagggaa	agtctttagt	tatagtcattg	1200
gcagctcctc	aaccccatga	ttgtgatgag	attgggaagc	ccactgtaac	actggagagc	1260
ccaggttata	tcagacacca	ctagtagata	gaagttctaa	caacttgagc	tctgtaacaa	1320
aaatctcatt	gtactacaaa	attatgtctg	caccagtga	tccattctca	agaaaagtct	1380
taactaggaa	actaaaagct	ttcactctta	aaaaaaaa			1419

<210> 3816

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4918)...(0)

<223> similar to gill36426 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3816

tttttttttt	ttataactaaa	agaataaaga	tttttattaa	gcattgtaag	ttgcattcaa	60
tagccttcag	atacaccaca	ccacaatcca	tcgacagtca	atcaaaccce	acagcagttc	120
attcttgcac	aatccatgag	ttagggcaaaa	actcccttca	acttacagta	agatcctact	180
tagctcttgc	gggcaggggt	tggggaatta	cacctcattt	ctgatcacta	atgtgatgaa	240
gagcatcaga	agtatatgaa	aacgataaga	agtgattctg	atttcaaagt	acattgtttg	300
gaaacattaa	caaaaacatc	aaaatgatag	aagtatacct	gcttctacta	aattcttgat	360
gggaaagtcc	tcaagaacaa	gcaatttggt	tcctgctaca	gaaggggggg	gtgggttttt	420
ttttttaaga	tcaaagggtt	ttttttcaca	gaatttcata	tttgctaata	tgaaggcata	480
aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggtg	atgttgatat	540

tcgaaacggc	tagataat	ttggggggct	ttagaataaa	tgcaacagag	gtcaataatc	600
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```

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```

<210> 3817
<211> 2141
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2107)...(1635)
<223> similar to gi5824799 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3817
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```

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```

```

<210> 3818
<211> 1895
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1660)
<223> similar to gi510717 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3818
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ggcagaagat gagcttttta atagatacga gagagcaatt tatgcagctt taagtgggaa 180
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<210> 3820

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1308)

<223> similar to gil770478 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3820
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<210> 3821
<211> 1021
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (321)...(87)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3821
cggacgcgtg ggctccgaga actcagcccc gacatcgccc acctggcctc gctcaagacg 60

```









```

ctggacaccc tctggatggt gggcaagttg ttacatgaga tgccctgggg tgctacatcc 5220
actcactcca gatagcaggg aggtctcagc agatctgcag agatcaaggg ggtcagcaac 5280
agccaaagcc cctagtccca gagctggctg ccctctgttt cacagcagct ccctgacctg 5340
tggtgctgcg tgcactccct acagctcgac acagccaggg gaccaacagg ccaagaaatg 5400
caagatcccc ggagggttct cagcagcaga atctgaggcc cagagaccct gagggcgtgg 5460
ccaggcctgc tagtctggct agagcaaggg ccactcctgg cgggggtgtc attgccttca 5520
ccggacc 5527

```

```

<210> 3824
<211> 868
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (5)...(494)
<223> similar to gi2623162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3824
cattgcaggt gtggcagtat tcttctatcg agacatgttt gttcggaaag acagaaagat 60
ccataaagat gcagagtcgg ccagtcctatg cacagactcc agtggaagtt ttgccaaact 120
gaatgggtctc tttgacagcc ctgtcaagga ataccaacag aatattgatt ctcttaaact 180
tatagtaacc tgctaaccag tcggaaagag ctaccaccca atggagatac taaatccatg 240
gtaatggacc atcgagggca acctccagag ttggctgtgc ttcccactcc tgagtctaca 300
cccggtgcttc accagaagac cctgcaggcc atgaagagcc actcagaaaa ggcccatggc 360
catggagctt caaggaaaga aacccctcag ttttttccgt ctagtccgcc acctcattcc 420
ccattaagtc atgggcatat cccagtgcc attgttcttc caaatgctac ccatgactac 480
aacacgtctt tctcaaactc caatgctcac aaagctgaaa agaagcttca aaacattgat 540
caccctctca caaagtcctc cagtaagaga gatcaccggc gttctgttga ttccagaaat 600
accctcaatg atctcctgaa gcatctgaat gacccaaata gtaaccccaa agccatcatg 660
ggagacatcc agatggcaca ccagaactta atgctggatc ccatgggatc gatgtctgag 720
gtcccaccta aagtccttaa ccgggaggca tcgctatact cccctccttc aactctcccc 780
agaaatagcc caaccaagcg agtggtgtgc cccaccactc ctggagtccc aatgacttct 840
ctggaaagac aaagaggtta tcacaaaa 868

```

```

<210> 3825
<211> 1296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1255)...(449)
<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



<210> 3826  
 <211> 6140  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(3443)  
 <223> similar to gi5689387 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

09483715.012100

```

<400> 3826
cactgccagt ggtcaagggt ctgttaagta tgatagcacc gatcaaggat caccagcctc      60
cacccccctc actacacggc ccctcaactc tgtggagccc gccaccatgc agccaattcc      120
cgaagcccac agcctctatg ttaccctgat tctctccgat tccgtgatga atatctttaa      180
agacagaaac tttgacagct gttgcatctg tgccctgcaac atgaacatca aaggggcgga      240
tgtcgggctt tacatccccg attcttccaa tgaggaccag taccgctgta cctgtggggt      300
tagtgcgatt atgaaccgca aacttggtta caattcagga ctcttccttg aagatgagtt      360
ggatattttt ggggaagaatt ctgatattgg tcaggctgca gagaggcgct taatgatgtg      420
tcagtccacc ttccttcctc aggtggaagg aaccaaaaaa cccaggagc caccataag      480
ccttctcctc ctctccaga atcaacacac acaacctttt gcttactga atttctgga      540
ctacatttcc tctaacaatc gccaaactct tccctgtgta agctggagtt atgaccgggt      600
gcaagcagat aataatgatt actggacgga atgctttaat gcgttgagc aggggcgga      660
gtatgtggat aacccccactg gtggaaaagt ggacgaagct ctggtgagaa gtgccactgt      720
gcactcttgg cctcacagca atgtgctgga catcagcatg ctctcctccc aggatgtggt      780
tcgtatgctg ttgtccctgc agccctttct ccaagatgcc atccaaaaga agcgcacggg      840
caggacctgg gagaacatcc agcatgtgca gggaccactc acttggcagc agttccataa      900
aatggcagga cggggaacct acggttcgga agaattcctc gagccgttgc ccatcccccac      960
tctgctggta ggctatgaca aggatttcct caccatctcg ccattctcct tgccgttttg     1020
ggagaggctc ttgttggaac catatggggg ccaccgtgat gttgcctata ttgtggtgtg     1080
tccagaaaat gaggccttgc tcgaaggagc caaaactttc ttcagggact tgagtgtgtg     1140
atacgagatg tgtaggcttg ggcagcaca gcccatctgc aaagtgtac gtgacgggat     1200
catgcgcgtg ggaaaaaactg tggcacagaa gctgacagat gagcttgtga gtgagtgggt     1260
taaccagcct tggagcggcg aggagaatga caatcattcc agactcaaac tttatgcgca     1320
agtttgccgc catcacctag cactttattt agccactctg cagcttgata gcagcctatt     1380
gataccacct aaataccaga cccaccagc agcagcacag ggacaagcta cgccaggga     1440
tgctgggccc ttagctccaa atggatcagc agtccccca gctggcagtg catttaatcc     1500
cacctcgaat agtagttcta caaatcctgc agcaagtagt tctgcatctg gttcctctgt     1560
gccaccggtc tcatcgtctg cctctgctcc tggatttagc cagataagca ctacctctc     1620
ttcaggattc agtggtagtg ttggagggca gaacccagc actgggggca tttctgcgga     1680
tagaacgcaa ggggaacatag gctgtggtgg agacactgac cctgggcaga gctcttctca     1740
gccctcacag gatggacaag agagtgttac agaaaggag agaataggaa tccccacgga     1800
gactgactct gcagacagcc atgcccacc tccagctgtt gtcatttaca tgggtggacc     1860
gttcacgtat gctgcagagg aggactccac ttctgggaac ttttggctgt tgagcttgat     1920
gcgctgctac acagaaatgc tggataaatt acctgagcat atgagaaatt ctttcattct     1980
ccagattgtg ccttgccagt acatgctgca gacaatgaag gatgagcaag ttttctacat     2040
tcaatacttg aagtccatgg cattttcagt gtactgccag tgcaggcgac cactgcctac     2100
acagatccac attaaatccc tcacgggatt tgggcctgca gccagcattg agatgaccct     2160
caagaacctt gagcggccca gcccaatcca gctttactcc cctcccttta tattggcccc     2220
aatcaaagac aagcagacag agctgggaga gacgtttggt gaggcgagcc agaaatacaa     2280
tgtgctcttc gtgggctatt gtctgtctca cgaccagcgc tggcttttgg cttcctgcac     2340
tgacctccat ggggaattat tagagacctg cgttgtaaatt attgctttac caaacaggtc     2400
acggaggagt aaagtatctg cacgtaaaat tggactacag aagttatggg agtggtgcat     2460
agggattgtc caaatgacat ctctaccctg gagagttgta atcgggcgac ttgggcgtct     2520
  
```

tggccatggg	gagcttaaag	attggagtat	cctccttggg	gaatgttcac	tacagacaat	2580
cagcaaaaag	ctcaaggatg	tgtgccggat	gtgtggaatc	tctgccgcag	actctccttc	2640
tatccttagt	gcctgcctgg	ttgccatgga	gccccagggg	tctttttagt	tgatgccaga	2700
tgctgtcaca	atgggctctg	tttttgggcg	aagtactgca	ctgaacatgc	agtcattctca	2760
gctcaacacc	cctcaagatg	cttcttgtac	acacatcttg	gtgttcccaa	catcatcaac	2820
catccagggtg	gctccagcca	actaccccaa	tgaagatggg	tttagcccca	acaatgatga	2880
tatgtttgtt	gaccttccat	tcccagatga	tatggacaat	gataattggca	tattaatgac	2940
tgggaacctc	cattcctctc	ccaactcttc	cccagtaccc	tccccagggt	ctccttctgg	3000
aattgggtgtg	ggctctcact	tccagcatag	tccgagccag	gggtgagcgtc	ttcttttctag	3060
agaagcacca	gaggagctaa	agcagcagcc	cctggccctt	gggtattttg	tatcaactgc	3120
caaagctgag	aatcttcccc	agtgtgtttg	gtcatcgtgt	ccccaggctc	aaaaccgagt	3180
gccctctctt	cttaaaggct	tcgctgcac	accacatttc	agtagcacag	acagacgaac	3240
ttctgcctgc	caggaattct	cagcgggttc	cacacctct	tgactccaaa	accacgtcgg	3300
atgttttaag	gtttgttttg	gagcagtaca	acgctctgtc	ctggctcacg	tgcaatccgg	3360
ccaccagga	ccgtacttcc	tgccttcccc	tccactttgt	gggtgctcact	cagttgtaca	3420
atgccatcat	gaatatactt	taattggaaa	agcacttggt	ctctctgggt	cagttccttc	3480
tccctgcaac	ctcagtccaa	ggaacctgct	acactctgca	aataaccac	atccttttct	3540
tcagaccact	ctccacagtc	ctgcactgtg	attccttctc	agcaggcaca	tgtcaattct	3600
gcagtgttca	ttaccagagt	gactccttga	cacttctctc	atggacctgg	aaacttccat	3660
aagtgggtgac	tttcagccag	tgcgggtggtg	tgtgtagccc	caaccactgg	tccccaggaa	3720
gtgggtggtg	ttgatggctt	ttcagcggga	aacagaagag	acagtgtcct	tttgcaaac	3780
agtctgtgtt	ttcagcctct	gtatacaatt	gagggcagtc	tagccctttg	gatgaaatcc	3840
tcttagttac	tgggtgtatg	cctgtgggtt	acctgaactc	cataatctgg	gactttttaa	3900
aaataagaac	cagctcaagt	acatgggttt	atactggggg	ttctgtctcc	ctagtgttcc	3960
catccagatt	accatgagtg	ctttgggttg	cttcaaacct	gtgtgtcaat	gcagaagggtc	4020
tggagacagc	ttcattttgt	ttatttattt	taatttgttt	tgtcatatgg	tttttgtgac	4080
tttatTTTT	taattcacaa	ggaccaggta	cagtagctga	aaccacattc	agatccacca	4140
taggattcct	tgactacata	cctctgtcct	agaagccgga	aaaggagtaa	aaacacattg	4200
gggagatcat	gcctaaaagt	aatatattca	aaaccaccca	gcagttaggt	ttgttaacaa	4260
caaactggat	tttaaaagtt	ctgccatggt	aagtggccag	catttcatga	aggataacat	4320
ttttatacac	aaggcagtc	agctcaactc	agagccatgg	aggcaagtac	cttaattagt	4380
tttatatagt	cacaacggaa	atatatTTTT	tagtgaattc	ttattggaag	ccaggtctct	4440
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aatcagttat	aaatatgggtg	aattttttct	ggaccatagg	aatattatTT	caaagaaata	4560
ttacaactta	accattaaat	tagtacttga	agttgagcct	ttgtgggtggg	acttttttaa	4620
aaaatgcctt	tttaagcat	taatggctaa	ttgaagtatt	ttatgactcc	tcattcctgg	4680
cccagagggt	tgtctttgaa	accctgtttc	taacccttgt	gttgtgtgtt	tctgtctgag	4740
gacagtgggt	gtgtactggc	ctcccgggag	ccactgtgac	caggcctttg	agctcttgtc	4800
atctgtggag	agaatcatgc	aaatttttaa	agttcttcca	agagacttcc	atgtcctggt	4860
tattaacaaa	aaaggaaaaa	tgtataaatt	gatatgattt	tgtaaaagta	tttttcttga	4920
aataatctaa	agttttaaac	attatattaa	aaaaaaagtt	gtgtgggtggg	aatgtgaaag	4980
cagagaaata	acttgtaaatt	ggataatttt	gttctctgta	ccaccagttg	aagggggggg	5040
tgactttcgc	aatgtatagg	ataaaaaatc	tgatatatca	aaccatttgt	atctaattgtg	5100
tacagtgtaa	aattgacttt	aaaaatattg	cagtgtctatt	ttttcttaat	cagaaaggaa	5160
aattctcaag	gccttttgaa	gagcataaga	agatgaagat	tgtaaaactg	tataaaatta	5220
ctttgggtgag	aagacaaatt	gtaaagtaga	tatttgtaat	cttttaccac	tttgggggtg	5280
tctttttccc	ggaattcatc	agaactttga	attttttttt	taaattgggt	gttttttaag	5340
caggggcttt	tcttccttag	aaacccaatt	ctaagcagaa	aaagaaaaaa	aacacaaaaa	5400
ataaaaaacc	cctacaaaaa	aacttttaaa	aaaatggcag	caaagggtag	ttttcatctg	5460
gtgtctttta	tttaagtttt	ttaagttaag	aaaagctggg	gacatattta	tacgtttttg	5520
tgcaaaaaata	aatgaatggc	aatagatttt	aaaaaatctt	attatgtact	tctgtgtgaa	5580
aaagtctgta	taatatttcc	cttaaatatg	cattattttt	cttgtgagtt	ttttactgaa	5640
ttaatctgaa	atgtacaagc	cctggatttg	ctacagagtg	agaagtattt	ttattttttt	5700
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aaggggaaat	ggggaggggg	aaaggggtggg	attgtccagc	atgcttgat	gtatatttca	5820
gaaccttttt	taaattgtaa	agctgtacat	ttctgggaag	ttctgaattt	cttttgtttc	5880
cttttttctt	tcaagcattt	tgcagtgagc	ttcttttata	tatagcaaac	aatttgaaag	5940

aatacaaaaa	tatgtgaagt	tcattttaaaa	aaataactac	agtatagcgc	tggtacagta	6000
cactaaaaga	ctttgataaa	aagaaacaat	aataaaaaggc	ctccatttta	aatgtcattc	6060
atataacct	tgtggatgag	agctatatac	ttttacacac	tttttagag	gaataaatta	6120
ttgaattact	aaaaaaaaaa					6140

<210> 3827  
 <211> 1705  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> similar to gi2289790 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

004937 SE289450

<400> 3827						
ggacagtcct	tcgggtacat	tctctatgag	accagcatca	cctcgtctgg	catcctcaat	60
ggccacgtgc	atgatcgggg	gcaggtgttt	gtgaacacag	tatccatagg	attcttggac	120
tacaagacaa	cgaagattgc	tgtccccctg	atccagggtt	acaccgtgct	gaggatcttg	180
gtggagaatc	gtgggcgagt	caactatggg	gagaatattg	atgaccagcg	caaaggctta	240
attggaatc	tctatctgaa	tgattcaccc	ctgaaaaact	tcagaatcta	tagcctggat	300
atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgcttttct	cttgggtagc	ttgtccatca	gctccacccc	ttgtgacacc	420
tttctgaagc	tggagggtcg	ggagaagggg	gttgtattca	tcaatggcca	gaaccttgga	480
cgttactgga	acattggacc	ccagaagacg	ctttacctcc	cagggtccctg	ggttgagcag	540
cggaatcaac	cagggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tggtgccagt	gggagactgc	cgctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
ccctgtctca	gctcaaaacc	ctaagcctgc	agggaaagg	gggatggctc	tgggcctggc	840
tttgttgatg	atggctttcc	tacagccctg	ctcttggtgc	gaggctgtcg	ggctgtctct	900
aggggtgggag	cagctaataca	gatcgcccag	cctttggccc	tcagaaaaag	tgctgaaacg	960
tgcccttgca	ccggacgtca	cagccctgcg	agcatctgct	ggactcaggc	gtgctctttg	1020
ctggttcctg	ggaggcttgg	ccacatccct	catggcccca	ttttatcccc	gaaatcctgg	1080
gtgtgtcacc	agtgtagagg	gtggggaagg	ggtgtctcac	ctgagctgac	tttgttcttc	1140
cttcacaacc	ttctgagcct	tctttgggat	tctggaagga	actcggcgtg	agaaacatgt	1200
gacttccct	ttcccttccc	actcgtgct	tcccacaggg	tgacaggctg	ggctggagaa	1260
acagaaatcc	tcacctgcg	tcttccaag	ttagcagggtg	tctctggtgt	tcagtgagga	1320
ggacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	aggaggacag	1380
aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	1440
aggaggacag	aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	1500
acatccaggg	aggaggacag	aaggcccagc	tcagtggccc	ccgcccccca	ccccccacgc	1560
ccgaacagca	ggggcagagc	agccctcctt	cgaagtgtgt	ccaagtccgc	atgtgagcct	1620
tgttctgggg	cccagcccaa	cacctggctt	gggctcactg	tcctgagttg	cagtaaagct	1680
ataaccttga	atcacaaaaa	aaaaa				1705



<210> 3828  
 <211> 1456  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1459)...(1034)  
 <223> similar to gil469179 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3828  
 tttttttttt ttagcatttc tttgaatttt attgaaaatt gaacatggac attagaaagg 60  
 tatcaggcct aaacagtgtc ggttctggga tgtttctcct ggagaatgaa agccccagag 120  
 ggggcaatga actggtgcac acctttgagc aaaaagaaca aaggagaaga aaggaaaaac 180  
 acacacagat tctggaaaac atgcaaagag gctctctcaa gagacactga acagcagaat 240  
 ggtggtgatg gtggtagggg atatatgaga atgagcacac tcacatggta ttttgatgca 300  
 agttaaacca atgaattcaa ggcagattta ccaacatcaa agctctccct ccagatccca 360  
 ggttgagcag aaacctctct caaaacccta actggtctcg gaaggtggaa tggagtaatt 420  
 ttgccctcac taagcttaaa cccctccct tctctacct agtggttagat agtgataca 480  
 ttttccccct ttgctggaat ctatagaagg tctgcgaatg ctgaagaaga taaaaatgtc 540  
 acttgacttt ctcttgcata ttcagaaatg tttaacagtg gctgtagaca gtcaacccat 600  
 cgaaccagag aatgtttta aagaaaaaca taaaactcaa acaaacctt gtgaacagaa 660  
 cagtactttc ataccacag ctgaggtgtc ctgccccagt cacttacact tgggtgagtg 720  
 gtctgtagt tgtttctctg aggttacatt tctgccattt tccagctctg atggttcttt 780  
 tctgccttg ttagttagga caagacactt ccatttaaaa taccatgtga gtcaggaaga 840  
 gagcttcttg cctggacaca gggacacatg aacacttgtt gagtgggtgt gtgtatgtgt 900  
 gtgtgcttgc agtttgaggg gagaggaaat tgggtgattt ctgatttgag acaatatgga 960  
 accctaactc ttctataatg gcagtcttct ccttttagact tagtgcagct gctgaagaca 1020  
 agattaaaaa aagtttttct tctctttgtc tctcttcaga gtctgtgagc ctccagcctg 1080  
 ggagccctgg gactggagca gctcagccgc cgtctttctt tgcttgaaag cattcacttc 1140  
 atcatccagg gatttcttct tatcctccag tttcttcttc tctgctggt gcagtttctt 1200  
 cagacggtca aacttctcgt gcagctcttt ctctgcctct ttgagctccg cttctttctc 1260  
 tttgactcgc tggacgaaca tctgtctcat ctctcttctt tttttctgga gttcccctag 1320  
 gaactcgttc cttttggcct catatgtctc ctgaagggtt tgctgtcagg gtcggtgtcc 1380  
 ttgaagccca tctcctccag cttacagcgg cgatacagct catagtgccg ggtgtgggtc 1440  
 tgctcccgcg gatcct 1456

<210> 3829  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (11)...(351)  
 <223> similar to gi4062356 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3829
tttctaccta gaacactatt ttaggcgcag gattccttga tgaaaaatac cgcggaagaga    60
tccgtcgggt ttcttccccct atggtcgccg cacgcatggg gcgcgatcgt tctaagcctc    120
tgcgtaaaaa ctgggagtcg gtcaaagaac aggtgatgcg aaaagcactt cgcgctaaat    180
tcgaacagca tgcagaactg cgtgcgctct tgctggcaac cgcgcccgcg aaactggttg    240
agcatcacga aaacgatgct tactggggag acggtgggtca tggtaagggc aagaatcgac    300
tggtctacct tttaatggag ttgcgcgaac aattggctat agagaagtaa cgtctcgggtg    360
gcttatgggc ggtaaaacag ataaatTTTT tcccggtgtt tcaaattgct gacaagtgct    420
tgttgtgaaa tgccggatgc ggcgtaaacg ccttatccgg cctac                      465

```

```

<210> 3830
<211> 973
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (964)...(344)
<223> similar to gi3882143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3830
aacaaagttg gtctcttttt tccaccagtt ttcaagtaat tagttcaagt aagcttattt    60
acagctgcta ctgtatatat gtgacctact ttaacccttc tttcccttta ggaattgggtc    120
tcccttggaa tgggacacca catTTTTaaa aaaacttgaa ccagggtttt ttcattctacc    180
aattcaattc agtcatgttt ctgctttatt gggcagataa agagaagaaa ccagcaagtt    240
atgtccaaaa gctggaaaaac gccgaaatgc ttcccaacta tctgaaaaga tgttgtactt    300
gaggaacact cgggtgttcca agctgggtcg cagggtgacg tctctgctca tgatgtagat    360
gccgtcgtta tggagcgcac aagtcaagtt aagacccgat ttggacgtgt tctccttgag    420
gtagagccac tggcgggtga cgggtgttgta ggactgcacg gtgagcatgt cctcgtctctg    480
gctgctcctg cgggttgggccc ccagctcgtg gagacacccc cccacgatgt agatggtctc    540
ttccacagac accatctgct gcttgcgaaat gtggacgtca catgtttcaa agagcgtcca    600
catgtcggaa gaggggcagt actgcaaaaat gttcatgttc cggctctctgg tagtgtatcc    660
tccaatgaca taaatTTTTc cttacactc acaggcagag aactcagcca gaggattggg    720
taagggcgcc acaaaattcc acgcattcctg ctcggggttg taacactcaa cgttagaaac    780
ggcctgccct ccgatggcat agagttttga attaacagcc acaagtttga agttagacct    840
cttctggttc atggaggcca cctggagcca ctcgttggtg ctgggggttg aggaatgcgc    900
agcggagatc tcctggctag tgatcctgta cccgccactc ataagaggta gttgtccagg    960
ctcggcaggg tct                      973

```

```

<210> 3831
<211> 2555
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1571)

<223> similar to gi2781386 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3831

atgtcgttac	gtgtacacac	tctgcccacc	ctgcttgagg	ccgtcgtcag	accgggctgc	60
agggagctgc	tgtgtttgct	gatgatcaca	gtgactgtgg	gccctgggtg	ctctgggggtg	120
tgccccaccg	cttgcattctg	tgccactgac	atcgtcagct	gcaccaacaa	aaacctgtcc	180
aagggtgcctg	ggaacctttt	cagactgatt	aagagactgg	acctgagtta	taacagaatt	240
gggcttctgg	attctgagtg	gattccagta	tcgtttgcaa	agctgaacac	cctaattctt	300
cgtcataaca	acatcaccag	cattttccacg	ggcagttttt	ccacaactcc	aaatttgaag	360
tgtcttgact	tatcgtccaa	taagctgaag	accggtgaaa	aatgctgtat	tccaagagtt	420
gaagggtctg	gaagtgtctt	tgctttacaa	caatcacata	tcctatctcg	atccttcagc	480
gtttggaggg	ctctcccagt	tgccagaaact	ctacttaagt	ggaaattttc	tcacacagtt	540
tccgatggat	ttgtatgttg	gaagggtcaa	gctggcagaa	ctgatgtttt	tagatgtttc	600
ttataaccga	attccttcca	tgccaatgca	ccacataaat	ttagtgccag	gaaaacagct	660
gagaggcatc	taccttcatg	gaaacccatt	tgtctgtgac	tggttccctg	gtctccttgc	720
tggtcttttg	gtatcgtagg	cacttttagct	cagtgtgga	ttttaagaac	gattacacct	780
gtcgctgtg	gtctgactcc	aggcactcgc	gtcaggtagt	tctgctccag	gatagcttta	840
tgaattgctc	tgacagcatc	atcaatgggt	cctttcgtgc	gcttggcttt	attcatgagg	900
ctcagggtcg	ggaaagactg	atgggtccact	gtgacagcaa	gacaggtaat	gcaaatacgg	960
atttcactctg	ggtgggtcca	gataacagac	tgctagagcc	ggataaagag	atggaaaact	1020
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tgtattcttg	tatcgcaatg	aataagcaac	gacctgttaa	tgaaactgtg	gacgtcacaa	1140
taaatgtgag	caatttcact	gtaagcagat	cccatgctca	tgaggcattt	aacacagctt	1200
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ctccatgccc	ctgcaagtgt	aaaaccaaga	gacagaaaaa	tatgctacac	caaagcaatg	1320
cccattcatc	gattctcagt	cctggccccg	ctagtgtatg	ctccgctgat	gaacggaagg	1380
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acgggaaagt	caggctcttt	cccagcgagg	cagtgtatgc	tgagggcac	ctaaagtcca	1500
cgagggggaa	atctgactca	gattcagtc	attcagtggt	ttctgacaca	ccttttgttg	1560
cgtccactta	atttgtgcct	atatttgtat	gatgtcataa	tttaattctgt	tcataattta	1620
ctttgtgtgt	ggtctgcaaa	ataaacagca	ggacagaaat	tgtgttggtt	tgttctttga	1680
aatacaacca	aattctctta	aaatgattgg	taggaaatga	ggtaaagtac	ttcagttcct	1740
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tagcttttag	cactatttgt	aatttcagag	taggcccata	ggtgatatga	ctccatttgt	1860
ccctttatatt	aggatattga	aagaaaaaat	aaactttatg	tatttagtgc	ctttaaaaat	1920
agactttgct	aacttactag	taccagagtt	atttttaaga	aaaacactag	tgtccaattt	1980
catttttaaa	agatgtagaa	agaagaatca	agcatcaatt	aattataaag	cctaaagcaa	2040
agttagattt	gggggttatt	cagccaaaat	taccgtttta	gaccagaatg	aatagactac	2100
actgataaaa	tgtactggat	aatgccacat	cctatatggg	gttatagaaa	tagtgcaagg	2160
aaagtacatt	tgtttgcctg	tcttttcatt	ttgtacattc	ttccattctt	gtattcttgt	2220
acaaaagatc	tcattgaaaa	tttaaagtca	tcataatttg	ttgccataaa	tatgtaagtg	2280
tcaataccaa	aatgtctgag	taacttctta	aatccctgtt	ctagcaaaact	aatattgggt	2340
catgtgcttg	tgtatatgta	aatcttaaat	tatgtgaact	attaaataga	ccctactgta	2400
ctgtgctttg	gacatttgaa	ttaatgtaaa	tatatgtaat	ctgtgacttt	gatattttgt	2460
tttatttggc	tattttaaaa	cataaatcta	aaatgtctta	tgttatcaga	ttatgctatt	2520
ttgtataaag	caccactgat	agcaaatctc	tctcc			2555

09489725.012400

<210> 3832  
 <211> 795  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (30)...(457)  
 <223> similar to gi927637 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3832  
 cattgcgagt gcaggaattc cttttccaag gttgtggcac tgcctttgac ttccacaaag 60  
 agattgacta catgtttcta ttgtgcacag aggagggaaa aatctacaag tgctctaaat 120  
 cctactccag ccaattcctc gacacctatg acgcccacaa catgtcagtg gacactgtgt 180  
 cctggaaccc ataccacacc aaggtcttca tgtcctgcag ctccgactgg acagtgaaga 240  
 tctgggacca caccatcaag tgaggggcct gttcctggct ctgcctgggg ccctcccctg 300  
 ggctatggca ctgtgagccc tctgtgccat gggctttcca ccctccacct ttgcaggacc 360  
 ccgatgttca tctatgacct gaactcagcc gtgggtgatg tggcctgggc gccatactct 420  
 tctactgtgt tcgcagcagt caccacagat gggaaggggc aagccatcca ggggccagcc 480  
 aaaagaggaa tcattcatcc catgaggctt caggagggaa acagagctgt tcaccttgga 540  
 ggagaaagca ctctggggga tgagatgcca tggagcagtt atttcctctg ctgtatggng 600  
 gagagctaga ggggtggcagg gcccggtccc atctaaggaa aaatgtatga gccagagttg 660  
 atcagtgact gaatagtgtc tgtaatgtag tgaagtctcc atccccggga gtgtgcaagc 720  
 tgattctgag ggaacttcag tggggtggaa tgggaggggg ctattcaaca ctgagaattg 780  
 gtgagacctc agaaa 795

<210> 3833  
 <211> 1798  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1793)...(904)  
 <223> similar to gil507680 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3833

```

gggggccaat gggctcccaa ggtccggtca ggggagaaca ggcaccggtc ccccgcgga 60
tgggtccgca ccattccagc ggctctctcc acgaaagtgg gccactgccg ggctgcacta 120
tgtgtcactg aaattcaggg agacctctca gtccggggttc cagcctacgc atgttcaagg 180
gacccctca tccccaaaac ccgcccggcg cacagaattc tcaggcctgg ctgcgttgct 240
gggaagcgga ggcccagttc ctccctgcagc ctgggtcaca cccacgcctc acagtggggc 300
cctctgaccg tggccgcagc cccagcatc taccccaagc tagtgcaaca tcctgccag 360
tccacgtgct actgcgctcc cggcgctgc ctccaggcca ccgggcgga cctttctcag 420
ccccaggggc cttccaggcc cttctgttca aaggaccgga tgcttcacac cgctaagggc 480
tttatttcac agatcatggt ggtgagtttg gatttccagc cctcaccacg gttaagtcac 540
acatttcccg acacctgctc atttctccag atctgaaaca tctcacccaa cacatcctag 600
ttgttgtaaa ccccaaataa actttccaga agcaaaaaca ataacagatt cagagaaccc 660
tggtcacacc tgctgagcag gtccctctca ctctggttgc atatagaatg cttgtttgct 720
caaaagagag gcgctctcaa catcaaggca caaagaaaga cgtctccagg ggcaaatga 780
tgacgaagtg accagcggcc tctgcgaggc ccgaggcaga gtcacggggg aggcgagttc 840
agcctgacgg gcattgggag gaagagccaa ggacagggtc cccgctgggg ctcaggcgctc 900
ctcacgcgta cttctccagg aagttgatgt ggaagtcttt caccttctgc agcacggttt 960
tcagcttctc cactggaggg aggatagtca tcctgaagtg gtaagtgcct tccctctgcc 1020
caaagccact gccgggcacg acacagatgc cagtctctc caggagcttc atgcagtaga 1080
acatgtctgg agccatttga tgggcctgag cagcctccac agctttgggc aggaatgaag 1140
atccgaggga aggcgtacat ggccccctgc aagggggttgc agtgaattcc tgggacttgg 1200
ttaaacaggt cttccgtcag ctttgctttt ttggccagat taccaggac cgactccttc 1260
tctcggtga attgctcaaa ggactcctct cctgccaccg gggggttcac gacaatgtcc 1320
atggcggcct gccagacac tggggggcac aggcgcaccg acagcagctt caccagctgg 1380
cccttgatct cagggtgcag gttgatcacc tccatgtagc ctctctgta accacactcg 1440
cccatgtagc ctttgagggt ggagtggaag gaggcgagct ccacgttgct ggagtactcg 1500
ggcccatct cgtacagcac cttcttgaag gagtggaatc tgcaatctgg agagtacacg 1560
ttgtcctggt acacctcatc agccaggaga aagagcttct cttcccaggc aaagtggatc 1620
acatcttcta tgcactttct gctttgtacc tggcctgtgg ggttcccagg gttgattatg 1680
cagagcacct taggatcaca gtggtctttg gcctcctgca ccgcccgcg gagctcattc 1740
acattcagcg cccagcagtt ctctgtcca ggtagtaatt cacgtggatg gcgcagtc 1798

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<210> 3834
<211> 1096
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(670)
<223> similar to gi3309573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3834
gtccaaggcg gcgcccagtc tgatagtttg ctttggccca tggctcagct gagctggaga 60
actgcctcta tgtggtgggg ggacacacat ccctggcagg ggtcttcccg gcctgcctt 120
ctgtctccct gaaacaagtg gagaaatacg accctggggc caacaagtgg atgatggtg 180
cccccttgcg ggatggcgtc agcaatgccg cagtgggtgag tgccaagctg aagctctttg 240
ttttcggagg aaccagcatc caccgggaca tgggtgtcaa ggtccagtc tatgaccct 300
cggagaacag gtggacgatc aaggccgagt gccccagcc ttggcggttac acagccgctg 360
ccgtcctggg cagccagatc ttcacatggt gaggtgacac ggaattcaca gccgcctcgg 420

```



```

cttgacagtgg gctcgggtag agcagtatca ggagctaggg ttgtctgctg cccacactcc 1560
tgcttttttg gataatctaac tgctaaggag ggagttgaca tcccccttct ggctcatgtg 1620
tctgacacca acaacatggg ctctgtccct ctctctttga ctctcccttt gtcctcccca 1680
tagagctggg gtgggggtgga tccctataacc tggggcaggc agcccccagg tgggggaggg 1740
ggatggcaga gactgtaaag gcgccactgg actctggcaa ggcctttatt acctttactc 1800
ccctccctct cccatcacca gcctcaaggc ctgaggggtg caggggctcc tggcagctac 1860
tgggtgaggt ttcttgccac agactcacc cttcttctgg caccacctct ttcctttttg 1920
aagagacagc aacagccgta gcaaaagcag ctgctgctcc tgctatgagg gtgtatatat 1980
tttttaccba aagctctgga attgtacatt tattttttaa aactcaaaga gggaaagagc 2040
cttgatcat atgtgaacat tgtatcatag gtaatgttg acagaccctt ttatacagtg 2100
atctgtcttg ttctgtcagc aaaaatcctc tatggacata ggaggtgctg tgtcccatgc 2160
cctcttgccc tgacagtgtc ccatgggccc ccttctgctc cctgccccct cctgctact 2220
gctgatgcac tctctctcc ctgcagcccc tggtctccca gccttctcc tgacccttc 2280
caacagcctt ggaactccag ctgccaccac cctctgggtc ggacactggg acccactggc 2340
ccagtcttg ctgctgctta cccctagcct tgatgcctgc ccagggagcc ccagccccct 2400
cccgttgccc tgcagcttta acagagtga ccatgtgtat ttgtacaggc gcggttgtca 2460
ttgcagaaac cgctgggtgg agaagaagcc gataaagtct atgaatc 2507

```

```

<210> 3836
<211> 2392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2034)
<223> similar to gi5731366 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3836
atgtccgcgc agagcctgct ccacagcgtc ttctctgtt cctcgccgc ttcaagtagc 60
gcggcctcgg ccaagggtt ctccaagagg aagctgcgcc agaccgcag cctggaccgc 120
gccctgatcg gcggtgcgg gagcgacgag gcgggcggg agggcagtc gcggggagcc 180
acggcggggc gcctctactc cccatcactc ccagccgaga gtctcgccc tcgcttgggc 240
tctcttccc ggggtccgcc cccaggggc accaggctac cgcctcctgg acctctttgc 300
tcgtccttct ccacaccag caccgcgag gagaagtcac catccggcag ctttcacttt 360
gactatgagg ttccccggg tcgcggggc ctcaagaaga gcatggcctg ggacctgcct 420
tctgtcctgg ccgggccagc cagtagccga agcgttcca gcatcctctg ttcacccggg 480
ggaggcccca atggcatctt cgttctctc aggaggtggc tccagcagag gaagttccag 540
tccccaccg acagtgcgg gcacccctac gtctgtgga aatccgagtt ggagttgtat 600
gatcttcaga tcttaggcac aaaaccacc atgaattccg atacacatcg taactttgac 660
cccaccgcaa cccttagaaa tcagggtgat ttcacctgga acagcatgtc aggccgcagt 720
gtacggctga ggtcagtc ccatccagag ctctcagagc tggagagggc ccggctgcag 780
gaagtggctt tttatcagtt gcaacaggac tgtgacctga gctgtcagat caccattccc 840
aaagatggac aaaagagaaa gaaatcttta agaaagaaac tggattcact aggaaaggag 900
aaaaacaaag acaaagaatt catccacag gcatttgga tgcccttctc ccaagtcatt 960
gcgaatgaca gggcttataa actcaagcag gacttgcaga gggacgagca gaaagatgca 1020
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agcagtaact catctctcag ctcaacctca gaaacaccga atgagtcaac gtccccaac 1140
accccggaac cggctcctcg ggctaggagg aggggtgcca tgtcagtgga ttctatcacc 1200

```

gatcttgatg	acaatcagtc	tcgactacta	gaagctttac	aactttcctt	gcctgctgag	1260
gctcaaagta	aaaaggaaaa	agccagagat	aagaaactca	gtctgaatcc	tatttacaga	1320
caggtcccta	ggctgggtgga	cagctgctgt	cagcacctag	aaaaacatgg	cctccagaca	1380
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gtggccaggc	atgccgatga	caacatcagc	aaagatgggc	aagaggtcac	tggaataaaa	1740
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ccagaacgaa	gtgctgatca	gcctgttaga	gaccgatcct	gatgtcgtgg	actatttact	1980
cagaagaaag	gcttcccaat	catcaagccc	tgacatgctg	cagtcggaag	tttccttttc	2040
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cttgctcgtc	tcaaagtcaa	gggaaagttc	tcctggacca	aggcttggga	aaggtaactg	2280
gagcctggcc	agcaggcgct	ggccaaaaca	agcgaccctc	ctcttggtgc	atgtggcatg	2340
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<210> 3837

<211> 2950

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (20)...(1902)

<223> similar to gi5932010 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3837

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ctcccacaag	tttgatttcg	aactgcagga	tgtgtccagc	gtgaatgagg	atgtcctgct	120
gacaactggg	ctcctctgta	aatatacagc	tcaaagggtc	aagccaaagt	ataaattctt	180
tcacaagtca	ttccaggagt	acacagcagg	acgaagactc	agcagtttat	tgacgtctca	240
tgagccagag	gaggtgacca	aggggaatgg	ttacttgcag	aaaatggttt	ccatttcgga	300
cattacatcc	acttatagca	gcctgctccg	gtacacctgt	gggtcatctg	tggaagccac	360
cagggctgtt	atgaagcacc	tcgcagcagt	gtatcaacac	ggctgccttc	tcggactttc	420
catcgccaag	aggcctctct	ggagacagga	atctttgcaa	agtgtgaaaa	acaccactga	480
gcaagaaatt	ctgaaagcca	taaacatcaa	ttcctttgta	gagtgtggca	tccatttata	540
tcaagagagt	acatccaaat	cagccctgag	ccaagaattt	gaagctttct	ttcaaggtaa	600
aagcttatat	atcaactcag	ggaacatccc	cgattactta	tttgacttct	ttgaacattt	660
gcccaattgt	gcaagtgtct	tggaacttcat	taaactgggc	ttttatgggg	gagctatggc	720
ttcatgggaa	aaggctgcag	aagacacagg	tggaatccac	atggaagagg	ccccagaaac	780
ctacattccc	agcagggtct	tatctttgtt	cttcaactgg	aagcaggaat	tcaggactct	840
ggaggtcaca	ctccgggatt	tcagcaagtt	gaataagcaa	gatatcagat	atctggggaa	900
aatattcagc	tctgccacaa	gcctcaggct	gcaaataaag	agatgtgctg	gtgtggctgg	960
aagcctcagt	ttggtcctca	gcacctgtaa	gaacatttat	tctctcatgg	tggaagccag	1020



tcccctcacc	atagaagatg	agaggcacat	cacatctgta	acaaacctga	aaaccttgag	1080
tattcatgac	ctacagaatc	aacggctgcc	gggtggtctg	actgacagct	tgggtaactt	1140
gaagaacctt	acaaagctca	taatggataa	cataaagatg	aatgaagaag	atgctataaa	1200
actagctgaa	ggcctgaaaa	acctgaagaa	gatgtgttta	tttcatttga	cccacttgtc	1260
tgacattgga	gaggggaatg	attacatagt	caagtctctg	tcaagtgaac	cctgtgacct	1320
tgaagaaatt	caattagtct	cctgctgctt	gtctgcaa	gcagtgaaaa	tcctagctca	1380
gaatcttcac	aatttggtca	aactgagcat	tcttgattta	tcagaaaatt	acctggaaaa	1440
agatggaaat	gaagctcttc	atgaactgat	cgacaggatg	aacgtgctag	aacagctcac	1500
cgcactgatg	ctgccctggg	gctgtgacgt	gcaaggcagc	ctgagcagcc	tgttgaaaca	1560
tttgaggagg	gtcccacaac	tcgtcaagct	tgggttgaaa	aactggagac	tcacagatac	1620
agagattaga	attttaggtg	catttttttg	aaagaacctt	ctgaaaaact	tccagcagtt	1680
gaatttgcg	ggaaatcgtg	tgagcagtga	tggatggcct	gccttcatgg	gtgtatttga	1740
gaatcttaag	caattagtgt	tttttgactt	tagtactaaa	gaatttctac	ctgatccagc	1800
attagtcaga	aaacttagcc	aagtgttatc	caagttaact	tttctgcaag	aagctaggct	1860
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aactgcttaa	ataaagtgtg	ctcgaagcca	gtaagtgtc	tgggacctca	ttattttaag	1980
cctggtagtt	aaaaaaaaatc	ttgcaaaagg	atgccaaaga	agataaggac	gtggaaagaa	2040
gtttaatttg	atgattaaaa	acatgcaaca	gttttggtgc	ttagctctcc	tactaggatt	2100
atcggcgctt	tgaaggaatt	ctcattcatc	tttggtgtac	ctttggtctg	ggtcacacca	2160
actggtatac	tgaatgcata	ttaacttagt	atagtgcctg	gcatgtaaga	gattctcaac	2220
aatattctca	ataaatattc	gctgaatatg	agataaatta	ttaatagcta	ctgaataaag	2280
aaagattatt	taaaaccaga	gaggaaactc	catatatgtt	ctttaatcca	aacagtttaa	2340
ttcaagcaat	ctggaatata	aaaagcactt	tctgatatta	gaaggagatc	agactcccaa	2400
aaaagatcag	cattcttttag	tcaagcaaaa	cttggaagtt	tacaaacagc	taaatcagaa	2460
gcttgaaatt	caggtcctct	ccagtaacctg	ctacattata	tgtaatcca	aacatgactt	2520
cagagattaa	agaagaaagg	gaagatgttt	cccattcttt	tgtaccctat	ataaactaag	2580
ggtaccctgc	cctaattctt	tttccaacac	ttccccaat	aacccttcct	tacaaagaaa	2640
gaagtctaag	agaactctct	catctaaata	tatttaagta	gaggcaagcc	tgaaaaaac	2700
acaaaaacct	aaatggtgtt	aggctgtggt	tcacctattc	tcattggcacc	tcaaattaat	2760
ggcttgggtg	ttggtgtagg	taacgcttgg	cctgtatgtt	gaggtagtca	ctagataaaa	2820
ttctgggcac	aacatccgtt	tagcaattgg	gcatacattc	tacagattta	gccataacgt	2880
tctgaagctg	attattttac	agatcaacta	attaattcct	ctccctaact	ttacagatga	2940
gaaagctcag						2950

<210> 3838  
 <211> 1476  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1477)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1479)...(1093)  
 <223> similar to gi5565689 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3838
ttttttttttt ttcctatttag gaaaaaatgg ggggaaaaaa aaaagactgc aaaggaagca    60
aacacaaagt catgtaattg ccattgccc aagacgacag cactatagaa aacagttgca    120
agttaattct cggagatgac cagagatttt tcagtgttta cacaaaagta catagtacat    180
ttttttttttt ttacaaaata aaataaacat catttgccac cataaacctt ttcttttagag    240
aggaaaaatt tttgcagcag gacacaaggg ttctattaag tcatttcaat gcctgagaaa    300
aacaaaattg agtaatagga ctaatcactt ccctatatat ggatgttaag atgacaattt    360
agattatttt tcaaactaat cctgaggaaa aaatctgttt acaattttaa cagtaatggt    420
atgtaaaaag tattattaac aaatccccta ttacaaatat caatttccta tatggtcttc    480
tatatatata cacaataaaa tggtaaatat atgcaaaaat atttaaaaaa aaaacatgca    540
cagatcactt tccccttttg aatctggact tcctatcaga tacctttgtt ttccttcccc    600
acctcatcct ctgatactgt tttttgtttc tatcaccccta ccaacactga atactattcc    660
ctataactct gcataaagcc aatgagaaat atatttattt taccttcaag ctttaaactct    720
taaaatgacc ctgttgttagc atatgactta tcaaataagc agcccttttt ttcctctttt    780
tttgcttgct tttttttttg ttttgttttg ttttttttgc agttgtcagt ctcatgac    840
cattctgtgg cgagctggga aaaaacgcag ttgctaagtc aacgtctgaa cagtgtgagg    900
ctcctgaata tctcccagga gtccctgcgc aactgtcctg agcatgagat cattgcacag    960
agaagacagt ccaccgcgca gcgctgacta tctacagagg tctgagaggg gcgcgtccct   1020
cttggtgttt ctctttttgc catggttaata ctgattattg gatttgcctt gatgttgttt   1080
gtttgtcatc aaggaaccat ggcttgtttg agttgtacct tggaagcctt tgctggaaga   1140
acgaaagagc cttgctgac catgctgaga tttgttggtg ctgttggtatg tgttagtggt   1200
ttgggtgctt tgcattttcc caactgcctg agaggactcc aaggatacat cttgcgaccc   1260
tactcgggtt nccagtggaac ggacggcaaa gcagctgttt cgggggtttt catggtgttg   1320
catcggaatc tacatcacta gagctggact gtgtggcaga agaggacgac actggaccat   1380
tgcaggaagg ctcaggtcta ttcttcaagc cccactgctt tgatatccaa tctctatatg   1440
tggcaacttc atctgttact ctaattattc ttccag                                1476

```

```

<210> 3839
<211> 1045
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1046)...(60)
<223> similar to gi4587598 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3839
gtttttttttt cacatataac atttaaaaat cagtatttaa ttacaaatta tatgttctac    60
agtccagcaa tacaaagtgt tgcattagta ccacaaaac caaaggaatt ggtgaggcca    120
ataaatcttt tctcagtttt ccattcctgt gccttttagtg gaacatagtt gagatcaaatt   180
tctggttccg aacaatccag gtttaaagta ggtggtatgt ttttgataat aacaagctaa   240
tgggggtaaa agctgcctcg actgcccctg cagctcccag cagatgtcct gttgctccct   300
tagttgagga aactgcaagg gcatatgcat ggtctttgaa gagatgtttg atagctttgt   360
tttcagcagc atctcccaat ggtgtggaag tagcatgtgc attgatatag gatatctcct   420
caggctgcac acctgcatct tttaaagcag cagccataca ccttaaggca ccttctcctt   480
caggatcagg ggcagttatg tgaccagcat cacctgagag tccatagccc aaaacttctg   540
catagatccg ggctcttctt tgaacagcat gttcatattc ttccagcacc agcacagctg   600
caccttctcc cattacaaa ccactctctt ttggatgaaa tggtcgacat gccaaacttg   660

```



<400>	3841						
tgtgccattg	cattctgaat	tattggtgtg	atgaaccaag	gagtggctcc	ctattgtaag		60
gactccaaca	ccgggtggaa	gtccatatgg	acaacaggtg	gtagtttttg	ggcctccatg		120
gcagcaggca	ccacctccat	attccggtcc	acatccagct	ggacccccctg	tcatacagca		180
gccaaacaaca	cccattgtttg	tagctcccc	accaaagacc	cagcgggttc	ttcactcaga		240
ggcctacctg	aaatacattg	aaggactcag	tgcggagtc	aacagcatta	gcaagtggga		300
tcagacactg	gcagctcgaa	gacgcgacgt	ccatttgtcg	aaagaacagg	agagccgcct		360
accctctcac	tggctgaaaa	gcaaaggggc	ccacaccacc	atggcagatg	ccctctggcg		420
ccttcgagat	ttgatgctcc	gggacaccct	caacattcgc	caagcataca	acctagaaaa		480
tgtttaatca	catcattacg	tttcttttat	atagaagcat	aaagagttgt	ggatcagtag		540
ccattttagt	tactgggggt	ggggggaagg	aacaaaggag	gataattttt	attgcatttt		600
actgtacatc	acaaggccat	ttttatatac	ggacactttt	aataagctat	ttcaattttgt		660
ttgttatatt	aagtgtgact	tatcaaatac	acaaagattt	ttttgcatat	gtttccttcg		720
tttaaaccac	gtttcataat	tggttgtata	tgtagacttg	gagtttttatc	tttttacttg		780
gtgccatgga	actgaaacca	ttagagtttt	ttgtcttggc	ttggggtttt	tgttttcttg		840
gttttggtt	tttttatata	tatatataaa	agaaacaaat	gaaaaaacac	acacacacac		900
aagagtttac	agattagttt	aaattgataa	tgaaatgtga	agtttgtcct	agtttacatc		960
ttagagaggg	gagtatactt	gtgtttgttt	catgtgcctg	aatatcttaa	gccactttct		1020
gcaaaagctg	tttcttacag	atgaagtgct	ttctttgaaa	ggtggttatt	tatgttttag		1080
atgtctaata	gacacagcac	atttgctcta	ttaaactcaga	ggctcactac	agaaatatgt		1140
aatcagtgct	gtgcactctgt	ctgcagctaa	tgtacctcct	ggacaccagg	aggtgaaaaa		1200
gcactttttc	aattgtgctg	agttagacat	ctgtgagtta	gactatggtg	tcagtgattt		1260
ttgcagaaca	cgtgcacaac	cctgaggtat	gtttaatcta	ggcaggtacg	tttaaggata		1320
ttttgatcta	tttataatga	attcacaatt	tatgcctata	aatttcagat	gatttaaaat		1380
tttaaaccctg	ttacattgaa	aaacattgaa	gttcgtcttg	aagaaagcat	taaggtatgc		1440
atggaggtga	tttatttttta	aacataacac	ctaacctaac	atgggtaaga	gagtatggaa		1500
ctagatatga	gctgtataag	aagcataatt	gtgaacaagt	agattgattg	ccttcatata		1560
caagtatgtt	ttagtattcc	ttatttcctt	attatcagat	gtattttttc	ttttaagttt		1620
caatgttgtt	ataattctca	accagaaatt	taatactttc	taaaaatatt	tttaaattta		1680
gctgtgtcct	ttgaattaca	ggagaaagga	atcataattt	aataaaaacgc	ttactagaaa		1740
gaccattaca	gatcccaaac	acttgggttt	ggtgacctg	tctttcttat	atgacctcat		1800
aataaaacatt	tgaaggcagc	ataggatggc	agacagtagg	aacattgttt	cacttggcgg		1860
catgtttttg	aaacctgctt	tatagtaact	gggtgattgc	cattgtggta	gagcttccac		1920
tgctgtttat	aatctgagag	agttaatctc	agaggatgct	tttttccttt	taatctgcta		1980
tgaatcagta	cccagatgtt	taattactgt	acttatta				2018

```
<210> 3842
<211> 2476
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (7)...(1266)
<223> similar to gi2895758 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 3842  
cggacgcgtg ggaaacttac tcttgatgga gacactgttg attccattac tcttgacaaa 60  
gtacgaggtt taagggatat gctgaacagc agtgcfaatg acataaatgta ttataactagt 120

```

ccactttata gagatgaact agttaaaggc cttcagcaag agctgaatcg attgtattcc 180
cttttctgtt ctcggaatcc agactttgaa gaaaaagggg gtaaagtctc aatagtatca 240
cattccttgg gatgtgtaat tacttatgac ataatgactg gctggaatcc agttcggctg 300
tatgaacagt tgctgcaaaa ggaagaagag ttgcctgatg aacgatggat gagctatgaa 360
gaacgacatc ttcttgatga actctatata acaaaacgac ggctgaagga aatagaagaa 420
cggcttcacg gattgaaagc atcatctatg acacaaacac ctgccttaaa atttaagggt 480
gagaatttct tctgtatggg gtccccatta gcagttttct ttgcgttgcg tggcatccgc 540
ccagggaat actggaagtc aagaccatat tttgcctaga gagatttgta accggttact 600
aaatatTTTT catcctacag atccagtggg cttatagatt aggaaccatt aatactggaa 660
acactacagc aacattttca cctgtccaga tccactgggt acaatacttc aaatccttta 720
ccttatgaac atatgaagcc aagctttctc aaccagcta aagaacctac ctcaagtttca 780
gagaatgaag gcattttcaac cataccaagc cctgtgacct caccagtttt gtcccgccga 840
cactatggag aatctataac aaatataggc aaagcaaggc atattagggg gctgctaggc 900
attggaaagg gacttggagg aatgttggtc tcaaggtttg gacgttcacg tacaacacag 960
tcatctgaaa cattcaaaag actcaatgga agatgagaag aagcccagtt gcctcacctt 1020
ctgcctacca cccgtaggga cacagaccct tccacatagc agttctggct tcctcgattc 1080
tgcataggag ttggatcaca ggattgattt tgaactcaga gaaggccttg tggagagccg 1140
ctattggtca gctgtcacgt cgcatactgc ctattggtca tccttggatg ttgccctttt 1200
tcttttaacc ttcatgtata aacatgagca cgatgatgat gcaaaaccca atttagatcc 1260
aatctgaact cttgaaggac atgaatggcc taaaactgat tttttttttt tccgttaaaa 1320
gggggggggtc aagatacgga gatttcaggg ttaaagtata ttccagtttt ctttagggca 1380
acatatattt gaatttaaaa gcactttatt taaaaaaaaa aaaaagtttt cagttctgaa 1440
aaagtcattt acagtttgca tcattttaat tatgagtctg acaaaacctt ctccaaaaaa 1500
tcaagcaaga cctggatgtg aaaaagggtt gggtaaactg catgtaaagg ctacaaatca 1560
caatctgatt cctcccaaat ataaaggcat atggaacata atgtattaac caaagtatgt 1620
tataaatcaa aaatggtcaa ggttcagcat attctatatg aaaatcaca ggggggtatcg 1680
ttttaaattt ctatgaaggc tttcatttgt acatcccttt gaaaaaatat aacagattta 1740
aaatgttttg aatttaactt gtttagaaaa actaatgctt aaaacaatat ttgaactact 1800
gtatttataa tttattacct ctaattgctt tatttcagtg tatgagacat tactgtttta 1860
atgtttgctt tgaacataat ttaagaacca gatttatttt ctatagtgat aaaccctttt 1920
ttctcagaac tccatctttg tactcttcag atgaatatat agacactgtg gcatacattt 1980
tttttcatta aaaacttatg gcttcataca acactagttc aattttttta ataaactttt 2040
tattatgtta catgtacttc agagaaagct aaagtttctc taaacttgac acggagtact 2100
ccataatggg tacatttcat tagctttatt agaaaactag taaatgcttt tgaataggta 2160
gtatgacagc tattttaaat gtataaacat ttgtgtgcc aacaacatat atgaagggat 2220
gtgatgccac taactagtgc acattgtttc tcaatgtgcc attgagacac aaggcacagt 2280
aagtcaggat tctgaggcat tggagggtt ttcttcagct gtaattgttt ccacagtgtc 2340
tttcatctga ggggctcaaa gtttaagagt gcattcaata acccatgtac tagcttcttg 2400
aggtaagtaa ataaatcttg ttctcatgtt acatgttaat acaccaaggc accaaaacat 2460
ttaaagtgcc atgaat 2476

```

<210> 3843

<211> 672

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(581)

<223> similar to gi4895183 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3843
caggctcgcc gatatgaggg gcatcgacaa attagtggcc ggcacgcatt atctgcttac    60
attcagctct tcagaaaacc ttgctaaggc tattgctacg gacacggtag ccaacctgag    120
cagaggtcca gaacctccct ttttcaaaca attaatagtt ccattaattc ctagtattgt    180
ggatagagca ccaaaaggca gaactttcgg ggatgtcctg cagccagcaa aacctgaata    240
cagagtgggg gaagttgctg aagttatatt tgtaggtgct aacccgaaga attcagtaca    300
aaaccagacc catcagacct tcctcactgt ggagaaatat gaggtactt caacatcgtg    360
gcagatagtg tgtaatgatg cctcctggga gactcgtttt tattggcaca agggactcct    420
gggtctgagt aatgcaacag tggaatggca tattccagac actgcccagc ctggaatcta    480
cagaataaga tattttggac acaatcggaa gcaggacatt ctgaagcctg ctgtcatact    540
ttcatttgaa ggcaacttccc cggcttttga agttgtaact atttagtgaa aagttgatag    600
atcattttaa gaacagcttt actctctaca cattatataa gtgatttcaa attaattgtga    660
aaaaaaaaaa aa                                                    672

```

```

<210> 3844
<211> 919
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(869)
<223> similar to gi5262467 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3844
ggaggtgtgt aacgtgcgct atggagccga aagtcgcaga gctgaagcag aagatcgagg    60
acacgctatg tccttttggc ttcgaggttt accccttcca ggtggcatgg tacaatgaac    120
tcttgccctc agccttccac ctaccgctgc caggacctac cctggccttc ctggtactca    180
gcacgcctgc catgtttgac cgggccctca agcccttctt gcagagctgc cacctccgaa    240
tgctgactga cccagtgga cagtgtgtgg cctaccatct gggccgtgtt agagagagcc    300
tcccagagct gcagatagaa atcattgctg actacgaggt gcaccccaac cgacgccccca    360
agatcctggc ccagacagca gcccatgtag ctggggctgc ttactactac caacgacaag    420
atgtggaggc tgacccatgg gggaaccagc gcatatcagg tgtgtgcata ccccccgat    480
ttgggggctg gtttgccatc cgaggggtag tgctgctgcc agggatagag gtgccagatc    540
tgccacccag aaaacctcat gactgtgtac ctacaagagc tgaccgtatc gccctactcg    600
aaggcttcaa tttccactgg cgtgatttga cttaccggga tgctgtgaca ccccaggagc    660
gctactcaga agagcagaag gcctacttct ccactccacc tgcccaacga ttggccctat    720
tgggcttggc tcagccctca gagaagccta gttctccctc cccgggacct tccctttacc    780
acacccgccc ccaagaagcc tgggaatccc agcagagccc ggagctggct cagccccagg    840
gtctcaccac ctgcatcccc tggcccttga ttttctccca tgtggaccct gatttatggt    900
ggtacttgct aggacttaa                                                    919

```

<210> 3845

<211> 461  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(462)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (461)...(181)  
 <223> similar to gi4902922 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3845  
 cagttcttcc atttcgtacc aggcttcgca gccttcagcc tgcattcgtg gcccggcaac 60  
 accaacaag cgggcgttgg gcacatgttc ttccagagcg cggattaaac cggccccag 120  
 gatatcgccg gaggtttctc cggcgaccag ggcaatcggt aatggacgct gtccagtcac 180  
 taacgaatca aaccgcgcgt tgagcgtgca aagaaatcgg taaaggcttt cacttccgga 240  
 tatgtttccg ccagttcagc aatttccggt ttcaactcat cgagcgtttt accgctacga 300  
 taaatcagct tatacgcat gcggatagcg gtaatcgctt caccggttgaa tccgcggcgc 360  
 ttcagccctt cgatattgac acccgaacgg cgttgcgtgg ttaccctgcg caatgacata 420  
 aggagggacg tcttgcgcca caccggagca cccgccncc t 461

<210> 3846  
 <211> 2573  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (497)...(1847)  
 <223> similar to gi5257201 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3846  
 gctgcggctc ctcccggggc cgtttccggt tgtctcagcc gcggcgcaaa gggcacatcg 60  
 gcctgaccga ctagccggct gccagtgcg ggagcgcgcg cgtccatccc cgccgcctg 120  
 gccggggacc caggactgag tcgtccagct gcgcccctcg cccatagccc cagcgggcgc 180  
 cgggcgggcg agcagctctt cggcccttcc cggacagcga cgcagtcgca gcgcgcgccc 240  
 taacacagat gtgggaagat aaatgaaggg gtctagatgt aaatgtcagt ggaaaggaga 300  
 gctaccatca ctaagggtcg aaaacacagt taaatcactt tcaaagttaa aagactatta 360  
 agaacacaag atggggactc ctgcttctgg aaggaaaaga acacctgtga aagaccgatt 420  
 ttctgcagaa gatgaagctt tgagtaacat tgccagagag gcagaggcaa ggctggcagc 480  
 aaaacgggct gcccgggcag aagcaagaga tatacgcatg agagaactgg aacgacaaca 540  
 aaaagagttg gatgaaaaat ctgacaaaca gtatgctgaa aattatacaa gaccttcac 600

tcgaaattct	gcctcagcaa	caaccctct	aagtggaaac	tcatccagac	gaggaagtgg	660
ggacaccagc	agcttaatag	atccagacac	ttcattaagt	gaattgcggg	atatctatga	720
ccttaaggac	cagatacagg	atgtagaagg	gagatacatg	caggggctta	aagaactaaa	780
ggaatctttg	tctgaagtgg	aagaaaaata	caagaaagcc	atggtttcca	atgcacagtt	840
agacaatgag	aagaacaatt	tgatctacca	agtagacaca	cttcaaggat	gttattgaag	900
agcaggagga	acagatggca	gaattttata	gagaaaaatga	agaaaaatca	aaggagttag	960
aaaggcgaaa	acatatgtgt	agtgtgctgc	agcataagat	ggaagaactt	aaagaaggcc	1020
tgcggcaaaag	agatgagctt	attgaggaga	agcagcgcat	gcagcagaaa	atagacacca	1080
tgacaaaaga	ggtgtttgac	ctccaggaga	cacttctttg	gaaagataaa	aaaattgggg	1140
ccctagagaa	acagaaagaa	tacattgcct	gccttaggaa	tgagcgagat	atgctcagag	1200
aggagctggc	tgacctgcag	gagacagtga	agacgggaga	gaaacatggc	ttagttataa	1260
tccccgatgg	cactcccaat	ggtgatgtca	gtcatgaacc	agtggctgga	gccatcactg	1320
ttgtgtctca	ggaagctgct	caggtcttgg	agtcagcagg	agaagggccca	ttagatgtaa	1380
ggctacgaaa	acttgctgga	gagaagggaag	aactactgtc	acagattaga	aaactgaagc	1440
ttcagttaga	ggaggaacga	cagaaatgct	ccaggaatga	tggcacagtg	ggtgacctgg	1500
caggactgca	gaatggctca	gacttgcagt	tcatcgaaat	gcagagagat	gccccattag	1560
acaaattagc	gaatacaaat	ttaagctttc	aaaagccaga	acaggatata	actaccttgg	1620
agcaaagtat	tagccggctt	gagggacagg	ttctgagata	taaaactgct	gctgagaatg	1680
ctgagaaagt	tgaaagatga	attgaaagca	gaaaaacgga	agctacaacg	agagttaccg	1740
aacagcactg	gacaagattg	aggagatgga	gatgaccaac	agccacctgg	ccaagcggct	1800
ggagaagcat	gaaggccaat	aggacagcac	ttctggccca	gcagtaggaa	aaccaccctt	1860
caacctgggt	gatgctcctt	ggggccctac	ctagagggac	tgacttttgt	ccattgacac	1920
aaaccctttt	taagtacctg	ttttgagttt	tgtcattaaa	acaagccacc	tttgtatttt	1980
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ggccttgga	cgggttcttg	aggacagaca	gcaattctat	gagtgtctac	tgagatactt	2220
gctggagacc	tcagaaaaca	caagtgcctt	ctccacggtg	caattcagac	ttcagtgatc	2280
tccagtggtc	aaaagacatt	tacccttaat	atcagacaac	atttatattt	tagtgaagaa	2340
acaagttctc	gggtggggaa	tctatgtttc	actcagattt	atatgttttg	aggaaaaaag	2400
cctttttttg	taaaatattt	aaatttatat	agaaaaatgt	tagaaaaaaa	tatggggagt	2460
gtatataaaa	cttgctttat	tgcatggggc	aggggaagtc	caggcctaata	actcctaaag	2520
taagagttgg	gtcctttttt	tcttcaatac	aactgtgctg	taccttgtaa	aaa	2573

<210> 3847

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1479)...(1311)

<223> similar to gi299471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3847

aaaccatctc	ctcccataaa	gtaattcaaa	aataaagtga	gattgtttac	atgaatagaa	60
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aggctttgtc	tcaaaaaata	aaataacaaa	ataaatgaaa	taagataaaa	taaaaataca	180
gtactttgat	aaggaaaggt	aactgtcaga	aaggtgcgat	tccccagtc	ctcacttagg	240



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agagagacca acagcctgag ttaaccaagt cctttgtagc ccacagcaac agggagctag 300
ggactgagtc aggtctctctg taactgtccc tatttgcctt ggggtcccag gagggtaatg 360
ttattaagct tcaggtatct gtcgctgttc ttcttgaggc cacaaggagg cagcacagtg 420
tctctgtcag gaaaatacac ttggatgtgg tgacagacgt tttcccagg cttacgtttg 480
attctgcacc aggcgctgctg tacacctgct tggaggctgc aacggggcgg gctctgctgc 540
gtcaacacat ggacatcact ggagaggaaa acccactcaa caagctccgc gtgaagattg 600
aaccagggtcc agggaggctcc tctgtctgac acccactccc ctcaattgag cttggagccc 660
caagttaatg cgaacttcat gttgatcagt gcacgcttag aatactttat ttggagggag 720
gggcaactcca gagctctttg tagccaattc tctggcccct gggctgactg aacccaagcc 780
attgcagcca gataggagtt ctgtccagtc tgtgcggttc gtgatgactt caccattgct 840
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cattccatgt gtgactaatc tgaaaccttt ttatgcaatt gaagctcatg ttccttgatg 1140
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gtaaaaacaa cacattggct gggcatggtg gttcacgcct gtaatcccag gtcaaagcgg 1260
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ctaaaaaatac aaaaattagc tgggtgtggt gatgcacacc tgtaatccca gctactgggg 1380
aggctgaggc agggagaatcg ctcgacccca ggaggcagag gttgcagtga gctgagatct 1440
gccactgcac tccagcctgg gtgatagagc aagctccgtc tt 1482

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<210> 3848

<211> 919

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (212)...(814)

<223> similar to gi3881553 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3848

```

ggaacatgga gcggggggccc gtgggtggggg caggactggg ggccgggggcc cgtatccagg 60
cactgctggg ctgcctgctc aagggtgctgc tctgggtggc ctctgccttg ctgtactttg 120
gaagcgaaca ggccgcccgc cttctgggca gcccctgctt acggcgccctc taccatgcct 180
ggctggcagc agtggatcatc tttgggcccgc ttctgcagtt ccatgtcaac cctcggacta 240
tcttcgccag ccacggcaac ttcttcaaca taaaatttgt gaattcagcc tggggctgga 300
catgcacttt cttagggggc tttgtgttgc tgggtggtgtt cctggctaca cggcgctggt 360
cagtaactgc cagacacctg agccgactgg tagtaggggc agccgtgtgg cggggagccg 420
gccgggcctt cctgctcatc gaggacctga ctggctcctg cttcgagcca ctgccccagg 480
gtctgctgct ccacgagctg cctgaccgcc gcagctgcct ggcagccggc caccagtggc 540
gaggctacac cgtctcctcc cacaccttcc tgtcacctt ttgctgcctg ctcatggcag 600
aggaagcagc tgtgttcgcc aagtacctgg cccatgggct tcttgccggc gccccactgc 660
gccttgtctt cctgctgaac gtgctgctgc tgggcctctg gaacttcttg ctgctctgta 720
ccgtcatcta tttccaccag tacactcaca aggtggtggg cgccgcagtg ggcacctttg 780
cctggtacct cacctatggc agctggatc atcagccctg gtctccaggg agcccaggcc 840
atgggctctt ccccgctccc cactccagcc gcaagcataa ctgaaagaaa taaaaacat 900
cgggcctgaa aaaaaaaaaa 919

```

<210> 3849  
 <211> 1458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1459)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1377)...(779)  
 <223> similar to gi5901802 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3849  
 ttcactgtaa caaataatcg aggggtcaagc tgttttttta ctgcttgtct ttttcggtca 60  
 ggtgagcagg gctgggtata agccccattg ccagattctg tagccagggtg gagaaaagtg 120  
 gactggaggc tcataatggtt cagaatactc acattctgtt aatcattttg tcttccatat 180  
 agcacatcac taccattacc atcctccccc tgtcctcagt tntaagtctg tttggtttaa 240  
 tttctccaga caataaggct tcagtcacat gctagagaga tagctgcctg cctacaaaag 300  
 aagagcaaaa ataaatgttc aaataatccc cttgtttcaa ctttctttat tactcccacc 360  
 ttccagggtc acagcaatta gctaacaata aaaacactcc cacttcctgc agtcacagct 420  
 gaaagacttt tcaaggcaga ctacatttgg gctggagata caagtgatgt agtttgactt 480  
 gggcaataca aaacaaaagt cataggaatt aaatggattt tcaatcactg tataattcat 540  
 tctcctggct taagtacgtt ttaatttttt cacagaaaaa aatatatttc aggcaaataa 600  
 aaacaaattc cagattagca tagttcagcg tttcatttat cttaccttta tcaaggcaaa 660  
 caaagtacag atgctgtaca ttaaaaacat agaaatatat cactcacacc acatcaactc 720  
 ctacggacaa aagggtcttt tctaagccct gctcctttct gaagcacaca ccacagctaa 780  
 atgtacaaag agccatctgc tgggtccaaca tagccaactc caatgagcag gacgtctatc 840  
 agcgtccata ttcccaggcc accgaagctg aagagcttgc csgaggcogt ccccgctact 900  
 ggccccagggt agraaacggt ctgctcccaa accccaccga ggggtgatgcc ttaagagcca 960  
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 gaggacagga caccgtcatg cagctggtgg agttggtaca ctcgtaatct gtttcaggaa 1140  
 gctgccagca aaatctgcaa gtcatgttaa tgatgaagtt cttttgggat ttgaagtctt 1200  
 gatcaacaca ggtaacagat gggttccactg cacagtcaaa agtgacaggc ttcccatagg 1260  
 tacaggagaa atttgttgtg cagtctatac agtctgcagg aagcctgcta cacaaacct 1320  
 tgctcggaca cttcatcaca taaggtggga tttcagtact ttcaccgcc gacagaatgc 1380  
 agaactgcga aaggaagagc agcacgcgac acaaggcgcg gaggccctc agcgggcgca 1440  
 cccctccgcg catcttgc 1458

<210> 3850  
 <211> 1904

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1905)...(245)  
 <223> similar to gi4929773 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3850

cctttttttt	ttttttaacc	ttagtttagg	taaatttaat	gactgtaaaa	gctgttcaca	60
tagcagcttt	aaagagacac	gttttccact	gacataaagt	tgcttcgccc	cttgacagctt	120
atctccacct	tcatgacctg	tttctcagt	ggcaggcaat	gtctcccctt	cctgttgggg	180
aggattgcc	aagtcagctc	tgaggccatc	ctctcaggtc	agcaatatgc	agaagagtcc	240
ctcagagtgg	tcctgcagag	aacatgtccc	ctaagtgtct	gagaactggc	tgaggtgatc	300
ttcaccagca	catagtcccc	aggctgggct	ctgaccctga	gcccagggtt	attgacatcc	360
tccatctctg	catcagggaa	gatcacctta	aggtttccat	cattcctgcc	acacaggtca	420
gtggcagagc	gtttactgag	cccttccact	agcaccaact	gggtacagcc	cacagaggtc	480
tgattggctt	ttgttgcttc	ttctcggaag	atagtgatga	gttcctccaa	acgccttaat	540
tttacctctt	ccgggacatc	atccttcagc	ctatgatatg	cccgtgtctt	ctgtctcatg	600
ctgtaggcaa	agaggaagcc	catgttgtac	tgaacttccc	ggagcaaaga	gactgtctgg	660
acgtgatctt	cctccgtctc	accacaaaag	ccagcaatga	aatcgctgct	gagggtcaca	720
cctggaatag	attctctaata	atggtgaact	aactccacat	aagcttctct	tgaatatccc	780
ctccgcatgg	cctccaacac	acggtgctt	ccactctggg	ctggcagggtg	gatctgttta	840
cagatgttat	ctctctcatg	aatcagctgc	agaacctcat	caggaaaatc	cttgggggtg	900
ggagaggtaa	aacggatcct	catttcagga	tctactctgg	agacctgatc	cagaagatga	960
gcaaaacgaa	gtcctccttg	cttggtttta	tagttggtgg	taaagccacg	actgagattg	1020
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ccaagaagtg	tcacttcttt	cagccccctgt	aatcccaaca	ctttgggagg	ccgaggtggg	1140
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tccttccgag	ctccatcctc	ctgcctctct	ggactgggac	acat		1904

<210> 3851  
 <211> 4114  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(4115)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc feature  
 <222> (4115)...(819)  
 <223> similar to gi3882183 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3851

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taaaagcagc	gtctctcttg	gctggggagt	aaaggggtgtg	gggcaagggg	agtggggaga	180
ggctgaaacc	ttcccccaaa	ccccagtttt	agatcctttg	gtttccttct	cccagaagat	240
ggcagaagg	catggtggga	acagcaggga	gaaaatatgg	tgatgacaaa	ccccagatga	300
tcaaggggct	gatgctcctg	gggcccagag	gtaccaccag	agccttctat	gagacagtgc	360
tgggcaatgg	gggggcccgc	agggccttct	tgtgggctgc	atagttggct	tgagggggag	420
caggaggtta	ggggtgggga	ccagggttgc	agcctactag	cctcgggcag	ggctgcagag	480
tgatttttgt	aatccagatg	aactatcaat	aatttaaaac	ttgatataata	tatatgtata	540
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ggttggtcga	tcatggcagc	aggcctgtctg	gaagactggg	aggggcaccg	cttcctgccc	960
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aacagaaaat	ccagttcctc	ttgctcatcc	tgatccttgg	acatcagctg	ctgggaaggc	2340
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aggctggcag	acaggccctt	gggtagtgtc	tttaggttgc	tgacctcctc	tgttttggtt	2520
ggcactgggg	tgactgcacg	aggagagcca	ggtgccgact	ctgtctcctt	ttggtagtgc	2580
tgacggggaa	caaattcagg	gcagttgaga	agctgggaga	aatcagtcctg	tgaataatcc	2640

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actattgggg gaagaggcca cttttctggt tcctccctcc tacgaacttt ctcatcaacg 2700
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gcctgcactc ggtggaagga agcaataagg gtgatgggta ggaaaccatc agcatccatt 2820
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atgcgttctt agtccacggg ttcaccttgg ctagcagagc gcccgcgacg ccttcctccg 3780
gggcgctggg cccagtcctc tgcagagaag ggtcgggggt caccgcaggt gcggccccct 3840
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agacgcccc accccgagcc cggcaggctt ctagtcccgt ccctccctcc cccccgccc 4020
cggggcgggc cgggcttccc ggctcggggg ctgcagcaat atggacggac gggggagagg 4080
cgcgcgagac caagcagacc acgcgatccg cggc 4114

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<210> 3852

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(39)

<223> similar to gi57053 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3852

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ccatagcctc caccttaagt aactagaaaa aggaataaat tacacaccaa acaagcaaaa 60
gataagacat aataaagatc aaagcagaaa gcaactaaat agaaaacaga aatacaatca 120
aggacatcaa tgacaccaa gctttgatgt catttgatga cacctttgag aagatcaata 180
aaattgataa accttttagct ggattgactg tggattaaaa agagaagaca gaacaatcaa 240
tggtaggaac taggtaatat cactatacta caccacaaat agtaaaagaa taataaggga 300
atactaggaa caaaattagg cataaaacat atacttttta 339

```

<210> 3853

```

<211> 5059
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(4524)
<223> similar to gi473941 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3853

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ggcggcgggc agccgggtgcc ctgggatcat ggtggcggttg cggggccttg gtagcggcct 60
gcagccctgg tgtccgctgg atcttagact cgaatgggtt gacacagtgt gggaactgga 120
tttcacagag actgagcctt tggatccag catagaagca gagatcatag agactggatt 180
ggctgcattc acaaaactct atgaaagcct tttacccttt gctactggag aacatggatc 240
tatggagagt atctggacct tcttcattga gaacaatgtt tcccatagta cactgggtggc 300
attgttctat cattttgttc aaatagttca taagaagaat gtcagtgtac agtatcgaga 360
atatggcctt catgccgctg ggctttactt tttgctacta gaagtaccag gcagtgtagc 420
caatcaagta ttccaccag tgatgtttga caaatgcatt cagactctaa agaagagctg 480
gccccaggaa tctaacttga atcggaaaag aaagaaagaa cagcctaaga gctctcaggc 540
taaccccggg aggcatagaa aaaggggaaa gccaccagg agagaagata ttgagatgga 600
tgaaattata gaagaacaag aagatgagaa tatttgtttt tctgcccggg acctttctca 660
aattcgaaat gccatctttc accttttaaa gaatttttta aggcttctgc caaagttttc 720
cttgaaagaa aagccacaat gtgtacagaa ttgtatagag gtctttgttt cattaactaa 780
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tctctaggag gtgatcagtt cagctgttga cgccttgcag aggccttgtg gagcatctgc 2460
agagacacca gcagaggagc aggaattgct gacgcagggt tgtggggatg tactctccac 2520
ctgcgagcac cgcctctcca acatcgttct caaggagaat ggaacaggga atatggacga 2580

```

```

agacctgttg gtgaagtaca tttttacctt aggggatata gcccagctgt gtccagccag 2640
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ccactcacca tcatctcaag gcagcagtga ggccccagcg tctcagccac cccccaggt 2760
cagaggttct gtcattgccct ctgtgattag agcacatgcc atcattacct taggtaagct 2820
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tacacctgaa acagggccat tgcagagggt gctgccccaa gccaggccca tgtccctgag 4080
caccattgca atcctgaatt ctgtcaagaa agccgtggag tcaaagagca ggcatcggag 4140
tcggagctta ggagtgtgc ctttacttt aaattctgga agcccagaaa aaacgtgcag 4200
tcaggtgtct tcatacagtt tggagcaaga gtcgaatggc gagattgagc acgtgaccaa 4260
gcggggccatc agcaccccc agaaagagcat cagtgatgtc acgtttggag caggggtcag 4320
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gaatgtgcgg tctcccgcc ggaataaaga cactccagcc tgcagcagga ggtccctccg 4500
aaagacccct ctgaaaaaca gccaaactaaa acagcggctc cccaceagtg tccaggcagg 4560
caggagccct tgaggaagca gtctcgtgtc ctccgtgtga aggccagctg gatcacttcc 4620
cgcagtccct ggggcagcgc tttgtgtgtg aacacgagag ctccctccct cagggggccc 4680
gcactcacct tctattctgt tatgatgtat ttggttaaac actgttcaaa taatagagat 4740
gtgccagat ttagattttc cttaccctaa tctgtttaat attgtaactt tattccattt 4800
gaaagtgtca agccccattc cagataagcc tataatctgg tcctttaagg gaacacaact 4860
ttaaaactgc agctttcttt tatataaate aaggcctctg ttaacttgaa ttccttatag 4920
tacataattt cccatctgta atgacgaaat tttgattcta atattttttc tattatttat 4980
aagggcaaat tttttaaaaa aagtgtacag cttttctaaa agtaataaag gtttagcata 5040
aatacagcca aaaaaaaaaa 5059

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<210> 3854

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (344)...(847)

<223> similar to gi4760400 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3854
attcagcatc ttttcttctc aagacgctga atgtaatctt agttgtaaat acccatcacc      60
tgccagtcac cgagcactca tgcaccaggg ctttgcgtta tgtcctaaga tcctcataac      120
caccctgcaa ggggactatc atcattacct ctgtattaca gatggagaaa ctgaggcaca      180
gagaggtaac gtgacttgtc tcaggccata aagctgggga aagtagtgga gctgggttttg      240
aacctgagct gtgagacctc agagccctaa actctgggtgc ctgtgtgttc ccctttcaac      300
ccagactttg gaaatcagta gacaccatat gcttcaaaaa acaggagcta ttaaaatgac      360
atcaggagcc agaaagtctc atggctgtgc tttctcttga agtttataca acaaccagat      420
caccgatgtc ggagccagac tgggaaaaaa caaaataaca agtgaaggag ggaagtatct      480
cgccctggct gtgaagaaca gcaaatcaat ctctgaggtt ggtcttgcgt ccaacggcat      540
ctccacagaa ggaggaaaaga gccttgcgag ggccctgcag cagaacacgt ctctagaaat      600
actgtggctg acccaaaatg aactcaacga tgaagtggca gagagtgttg cagaaatggt      660
gaaagtcaac cagacgttaa agcatttatg gcttatccag aatcagatca cagctaaggg      720
gactgccag ctggcagatg cgttacagag caacactggc ataacagaga tttgcctaaa      780
tggaacctg ataaaaccag aggaggccaa agtctatgaa gatgagaagc ggattatctg      840
tttctgagag gatgctttcc tgttcattggg gtttttgccc tggagcctca gcagcaaatg      900
ccactctggg cagtcttttg tgtcagtgtc ttaaaggggc ctgcgaggc gggactatca      960
ggagtccact gcctccatga tgcaagccag cttcctgtgc agaaggtctg gtcggcaaac     1020
tccctaagta cccgctacaa ttctgcagaa aaagaatgtg tcttgcgagc tgttgtagtt     1080
acagtaaata cactgtgaag agactttatt gcctattata attattttta tctgaagcta     1140
gaggaataaa gctgtgagca aacagaggag gccagcctca cctcattcca acacctgcca     1200
tagggacca cgggagcgag ttggtcaccg ctcttttcat tgaagagttg aggatgtggc     1260
acaaagtgg tgccaagctt cttgaataaa acgtgtttga tggattagta ttataacctga     1320
aatattttct tccttctcag cactttccca tgtattgata ctggccccac ttcacagctg     1380
gagacaccgg agtatgtgca gtgtgggatt tgactcctcc aaggttttgt ggaaagttaa     1440
tgtcaaggaa aggatgcacc acgggctttt aattttaate ctggagtctc actgtctgct     1500
ggcaaaagata gagaatgccc tcagctctta gctgggtctaa gaatgacgat gccttcaaaa     1560
tgctgcttcc actcagggtc tctcctctgc taggctaccc tcctctagaa ggctgagtag     1620
catgggctac agtgtctggc cttgggaaga agtgattctg tccctccaaa gaaatagggc     1680
atggcttgcc cctgtggccc tggcatccaa atggctgctt ttgtctccct tacctcgtga     1740
agaggggaag tctcttctcg cctcccaagc agctgaaggg tgactaaacg ggcgccaaga     1800
ctcaggggat cggtgggaa ctgggccagc agagcatgtt ggacaccccc caccatggtg     1860
ggcttggtgt ggctgtcca tgagggtggg ggtgatacta ctagatcact tgtcctcttg     1920
ccagctcatt tgttaataaa atactgaaaa cactaaaaaa aaaa                        1964

```

<210> 3855

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1190)...(79)

<223> similar to gi4929601 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 3855
cacagtccaa agacatgggc agcaacaaag gacacacaat gactgaaacc attaacgtta      60
cctttttggaa tctctcagtg ccctgagcaa tctgtgtgtc tacctacaga tgggcaaagc     120
attttttgcac cctggcccca tcccagttc tcccgtagaga actcagtcct ccttgaagac     180
ttggtgatgc ctgtcaattg agtccccatt tagcggctca ttgtgcccag gggctcacat     240
ctgcaagtta aaattgcttt tatcaacatc tgatacaatg gttctcattt cacataaata     300
atcacagact tgactaaaaat gaatatatta ttctagggtta atttttttcc attcaaatgt     360
ttatactcca tctacccaga acaattacag cagaaaaaat aggcacctcc aaagtcttcc     420
caagaatgat gacttttctga aatgacacac tgtacaaact ggacaaatga gacgactgac     480
tgtgacaggg gccggggagc tcttcaaggg gccgttttct tcaagtctcg gatctgttta     540
atcaagtagt tcttctcgtc agcgaactgc tcatcatccg tcctttcttt ttggaagctg     600
ctcagaaact caatgagttt gggctgattt ttttaacagga tctccacaat aggctgtgtt     660
ttgtgaggac tggccacaaa caccttaaaa acatgaaagg cttcaaactg gatgttgga      720
cttttatccc gaaggagggtt catcatgagt ttcagggtct ccggcttgct gatatacttt     780
gtcatgatgg caaagttgtg acgggtccagg atcagctccc ctacgagctt taaagactgt     840
ctcttagtaa cataattctc agactgaagc aatttctcat agtcttcaaa aatagtgtcg     900
taattttgtt ctaagaagtc tgctaccaac actttatgtc tggttagtaa atccttgaaa     960
gtagcaaagg catctgaagc aatatcaaat gttgacaact ccacgtactt aaagaaatct    1020
ctgaattgat tagaaaagag gatgattttg gcaagtgggt catgtcgaat acattctctc    1080
agcataatcc cacaacgtaa ggcaatctgt ggggcttcat atcctttgag gagcataaac    1140
aggatatgag gatgagcact aatatactcc acagtaggac ttcgagtgct a              1191

```

```

<210> 3856
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (49)...(145)
<223> similar to gi995654 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3856
gagataaccc acattgttgg agagacagct gcctttctat gccccaggct gagggctgaga      60
cggggtggga aggatggatc cccaaagcct ggggttcttg cctcagtgat tccagtgga      120
aggcgtccag gtgagtagga catccagaag atttggaact ggagatgttt cccctatatt      180
tgagtgtcca gattaagagc tggctgccct agtcatttta aaacatgctg ggaatccaag      240
ttgggtctcc tcattttaat gatgtctagg ctgagggctg ggcctttcat tcttgagtcc      300
ctgggctcag aagtgggtct ctttccctcc tctcagggtg ctgaggaagg accccagggtg      360

```

```

<210> 3857
<211> 380
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (125)...(322)  
 <223> similar to gi3114713 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3857  
 aaaaatacta ctggtggcct tcagcagaat cccagggggc tgatttagcc tggcggccct 60  
 gcttaaagtc caggtggttg cagagggggg gggccataac ttacctgccc tgtatactgg 120  
 gggaacacag gtggagtttt ccgaagcccg gatttatgag gagaccctga acattatgct 180  
 gtatgaggcc caggatggcc ggggacctga caatgcgctc ctggaggcca caggcgggtgc 240  
 ggcggtgcgc tcccaccacc tggacgagga ctaggagcgg aagcggatcg agcgcgtgcg 300  
 gaggattcac attaagcgcc cttgggaccg ggccattctc accagtgagc aggctggata 360  
 ccgagccgcc cttttttacc 380

<210> 3858  
 <211> 927  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (925)...(655)  
 <223> similar to gil389766 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3858  
 cgggttgagt tgggtatcca ggggtctacac tgctcatggg ctagaggaga gagttgccag 60  
 aattccgatg gttaaccttt catatctgtg aacgctaact accccttttag gtcaccaatc 120  
 ccaagggata aatcaaccac ccgggcacat cataatcaaa ccaataaaaa ccaaagacaa 180  
 agattcctga aaataactcag agaaaaataa catgtttcat acaggggaaa tattacttta 240  
 atggctgcac atttctcatc agaaaccatg gaggctgaaa gaactgtcaa cacagtagtt 300  
 tatatccagc aaaaatatct ttcatgaatt aaggcaaaat aaagacattc tcagatgaag 360  
 aaaaaataag agaattaaat gtcaacagac ctgcactaaa agaaattttc cagatgaaaa 420  
 ggactgatac ctatgtaaac ttggaacatc aagaattaag gaagattaat acaaatgata 480  
 aatattgtgg taaatgtgac agactgtttt cctcttgggt tcttaaaaaat atctatgata 540  
 gttgtaagga aaaaatacat tatctgatga gtcttatttt ttatttttat tttttgagac 600  
 acagtgtcta gctctgtcac tcaggctgga gtggagtgga gtgatcttgg ctactgcaa 660  
 cctttgcctc ctgggctcaa gtaatcctcc cacctcagcc tcctgagtag ctgggaccac 720  
 aggaacatgc caccacgcct agctaatttt gtgtattttt tgtagagttg gggtttcccc 780  
 acattgtcca ggctggtctc gaactcctgg acttaagcaa tctgctcgcc tcggcctccc 840  
 agtcctggga ttacaggtga gccactgtgc ccagccaagt cttatgattt ataagaaaat 900  
 tataacataa aggggagagg gtaaagg 927

<210> 3859  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(9)  
 <223> similar to gil619929 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3859  
 aaatttttta aatgtgcaag accgctatat aggaagctac aaaaaaaagt actgaaaaaa 60  
 attaaggaca acataaataa atggagggat ataccgtggc catggattag aagactcaat 120  
 atcataaaga tgtcagttct cctaaaattc atctaataatg tctaacaatg taatctgaat 180  
 gaaaagatat tcaaaatgaa aatcaaagca catggagatg aaaagtttta acattctaaa 240  
 taaaccagat ctaggtaata aaggaaatca aaaccacat ctgagactat ttaaaaaatg 300  
 caaaagtgag atcactatcc attaaaacct gtgggatttg ccaaaaccgt actcaaaaga 360  
 aaatgtaaca gcgg 374

<210> 3860  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(167)  
 <223> similar to gi5689485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3860  
 tgatagaaaa cataactaaa aaagtagaag aactgttaa atttgaatct ggatcctata 60  
 tagcttcttc tctgggatct actgaggagt gaaatctaaa tgaagattta gcttagaaaag 120  
 catgaagata gtatgttcca attttaaata aaaattatat tgtctgaaag acaatacaat 180  
 tttagtactg ggggaaaaaa aactagattg ttatttgaag aagaaaacat catggttctc 240  
 tccaggttta aaatgggtgc tcccatgtag gctgattttc ccggcatttg atcttaactt 300  
 gaaggccatc tgcccagccc agcaatcaaa gggctgctaa gctgtccttg gcagcctcta 360  
 ctgggcaaag ctgtgcatat aactctgaag aaagggagat cttttaatgt tgcggacgcg 420  
 tgggtcgg 428

<210> 3861

<211> 986  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (790)...(488)  
<223> similar to gi2613008 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3861  
 tttttttttt ttcttcagca ttgtgtttta ctttttggga gagaggctag gaggaggaag 60  
 gggtgaaaac agcatctcac tggagtctca aaagtgtatg aatcttcttg tagtgcaagg 120  
 atgggataag atggccaggg aagtcagatg gaaaatcccc aagattcttt ttgctactga 180  
 tttctataat taaaatatga catatgtaag ggactagtgc atgataattca ataaatgtca 240  
 gttgtctttc ctaactaggt tcctcacagg ctaggttatg cctagatatc atcatcctcc 300  
 tttcagggaa tgaagctcac ctagaaaact agggaactaa aagtgcataa tggtttgggt 360  
 aatgcagttg gttagctgtc tccccatcct cccaactcac tattccaggg aggggctgaa 420  
 aacagaagtg gctcccctga agtctagtta gcatgtcatg acagagtcca catgaagggc 480  
 tgtgggctgc aactttctag tgcacagtcc tctctttttg gcgatgataa ttgtagggaa 540  
 agaagcgcac acgcatgctg atttcacgag ctgtcttcag gatctcaaca gccttgctgt 600  
 gctcaatatc ttggaaatcc acatcattca cagctagaac ttgggtcccct tcctgcagtc 660  
 ctgctctatg tgcacagag tcaggaatca ccttgagat gaagatgcct agctgggagg 720  
 cctttcctcc tcggatgtta aatcccaact gagctccagg aggccttcttc agtgtgatgg 780  
 ttcggggcag aaactgggtc aactcattgt tgtagtccgg gtgggtgtacc ctctcatgag 840  
 gaggaatcca tgctggagga ttctcatagg caggcaagaa aaccaccggg tagtcatcat 900  
 aaggaaatccg gctgtccatc tcgggcaagg cccagtgggc agtccacagc gacctcagac 960  
 tccgctcaca cgaaatcgtc gacccg 986

<210> 3862  
<211> 1364  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (140)...(1183)  
<223> similar to gi3298472 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3862  
 gaatggacat gtaaaattta gttacattcc agggaatttt caggtgaaaa ttagtagata 60  
 gttaatatga aaattttata tgaattcata ttttttcttg gacaatatgc taatatttat 120  
 tgatttcaca aatttacagc atatgggtga ttttggagc attcatagac ccggaattgt 180  
 tgttgactat caaaacaaat ccaccaatgt gacagttgct gctgcaagag gaataaagag 240  
 aaaaatgatg cagccattta ataagcccag tggaaacctt atcaagaaac ccaaactagc 300  
 aaaacctatg gagaagataa gcctcagcaa atcaccaca aaaactgatc ctaaaaatga 360

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agaggaagaa aagcggcgaa ttgaggctcg gcgagagaaa caaaggcgca gaagagaaaa 420
aaacagttag aaatacggag atggatacag aatggcattt acatgttcat tttgtaaatt 480
tcgaacattt gaagaaaaag atattgaact gcatctggaa agttcttcac atcaggaaac 540
attagatcat atacagaaac aaactaaatt tgataaagta gttatggagt ttttgcata 600
gtgtatggtg aataaattca agaaaacatc tattcgtaag caacagacaa ataatacaac 660
agaagtagtt aaaataattg aaaaagatgt tatggaaggt gttactgtag atgatcacat 720
gatgaaggta gagacagttc attgcagcgc ttgcagtgtg tataatccctg ctttacatag 780
ttcagttcag cagcacttaa aatctcctga tcatatcaaa gggaagcagg cttataagga 840
acaaataaaa agagagagtg tcttgactgc tacaagcatt ttaaataatc caatagtga 900
ggcgcgatat gaacgttttg ttaagggtga gaatcctttt gaaattcaag accattctca 960
ggatcagcaa atagaaggag atgaggagga tgaagagaag attgatgaac ctattgaaga 1020
agaggagtag gaagatgagg aagaagaagc agagggaagt ggggaagtag aggaagtga 1080
agaagtagag gaagttagag agggaggaat agagggcgag ggaaatatac agggagttag 1140
ggaaggaggg aagtaggggt agtgggagaa gtcgagggag tgtgggttgt gctggatgtt 1200
ttgtaatccc ttaaactatt tatgatgtac tcttttagtg tatatgcatt ttcttacttt 1260
tgttattact gtgtcccttg tgtatgactg ctcttatatg tttatggaga ttgaacacgt 1320
tcactttcca gcttatatgt actttatact gacttggtct tttt 1364

```

```

<210> 3863
<211> 2388
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(983)
<223> similar to gi3047191 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3863
cggacgcgtg ggctgggagc tgtggtgcat gtacatcagc cccccaaaag actggtggga 60
cgccggagac ccttctctcc ccatcaggac ccagccatg ataggctgct cgttcgtggt 120
caacaggaag ttcttcggtg aaattggtct tctggatcct ggcatggatg tatacggagg 180
agaaaatatt gaactgggaa tcaaggatat gctctgtggg ggcagcatgg aggtccttcc 240
ttgctcacgg gtggcccaca ttgagcggaa gaagaagcca tataatagca acattggctt 300
ctacaccaag aggaatgctc ttcgcgttgc tgagggtctg atggacgatt acaagtctca 360
tgtgtacata gcgtggaacc tgccgctgga gaatccggga attgacatcg gtgatgtctc 420
cgaaagaaga gcattaagga aaagttaaa gtgtaagaat ttccagtggg acctggacca 480
tgtttaccca gaaatgagaa gatacaataa taccgttgct tacggggagc ttcgcaacaa 540
caaggcaaaa gacgtctgct tggaccaggg gccgctggag aaccacacag caatattgta 600
tccgtgccat ggctggggac cacagcttgc ccgctacacc aagggaaggct tctgcactt 660
gggtgccctg gggaccacca cactcctccc tgacaccgcg tgccctggtg acaactccaa 720
gagtcggctg cccagctccc tggactgcga caaggtaag agcagcctgt acaagcgtg 780
gaacttcata cagaatggag ccatcatgaa caagggcacg ggacgctgcc tggaggtgga 840
gaaccggggc ctggctggca tcgacctcat cctccgcagc tgacaggtc agaggtggac 900
cattaagaac tccatcaagt agagggaggg agctggggca ctggagcctg gccccagga 960
catggctgct cccccacaa tctggaccag ctgccctggc ggagagacag caaggggccg 1020
gcaggtgctc gatgggcccc ccagggtctt tccagggcag cacagggacc ccggatgaag 1080
actctgtccc cctcaggga ttcagctgcc cacaagtttc ctgcaccctg gaaaagcccc 1140
ccacccttcc tctgggaaac tgacagctgt cttccacagc ctctgatgtg gacctggtac 1200

```

tgaggagcaa	gactgtccag	ttctcctcca	catctcccat	cccagaatca	ggatctggga	1260
ctggcaggg	cccctcctgt	gtctcatctc	ttgcagcagc	agctgctgaa	ctccagccat	1320
caacacggtg	ggaggcagcg	ggggcttcag	ccatgtccta	gctccccgcc	ctaaaaggag	1380
gcagtgagga	ccaggcacta	tttcctccga	ggttacttct	acccagatga	cacctgcctg	1440
ttcacgcccc	aaggcagcta	ctgccccctaa	cccttcccac	cagggtagct	ttgggcactg	1500
cagctctgga	cttttctggc	ccctcctgag	atgacctgat	ggagctgatg	ctttctctcc	1560
taatccctgg	gcactaggct	cttatcaggg	tgcttgggcc	agctctcctg	cctgtgtcta	1620
gaggaagcca	gagacagaaa	taggctaagc	ctgcagtagg	atctcagcca	caagggcccc	1680
gcaggatgga	gctgggtcaa	ggaccaggga	gccctgactc	ccagaggctg	ccaccgggga	1740
gaagcagcgg	tcctccatcc	agaacctaa	ggctgaagca	aaggctgcca	ggacccttga	1800
agatgctttt	ggctcacctc	atttcacccc	acgctctgct	ggctggcaga	ggagaaggca	1860
gtcgtttcct	ctctgaagag	tatttttttc	gattgcctc	tggttaggg	gcacatataa	1920
atcagagtta	atatatgaac	gcgtgtgcat	gcacaagtgt	gtgtgtgcct	gcgtgtgtg	1980
cgtggcaggg	tgtgtgtgtg	tgtgtctggc	tgtgcgttcc	ggagtgtgtg	acgatgctga	2040
ctctagcatg	tggggccttg	ggcttgctgc	ttcattactc	accctggatg	gggacgagg	2100
atgagaagg	tgtgggtttg	gcccccatgt	cactggccgg	aaggatgtgt	ctcagccctg	2160
ccctgtgggg	tgccccgat	gggaggctgt	cccatctccc	agtccccatc	tctttttccc	2220
cacactgtcc	ctggccaagc	cctgcccaga	gctgaaccct	gtagctgccc	ccttgccctg	2280
tgtgggattc	gcagtgtctc	atttggtgac	gtcttactgg	tgatcatctc	ctcaccat	2340
ctccaacctt	gtggaataaa	tacatgttag	cacttcccaa	aaaaaaaa		2388

<210> 3864

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1755)...(1167)

<223> similar to gi2851769 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3864

taccaatttt	atttcattaa	tttatttgct	attttaatat	tttaagaaac	tacattttta	60
tcacatagac	aagcagataa	gtaaggcttc	ttctaccagg	tgggcttatg	aaatgcaaaa	120
taagcaaaa	gagcattttt	ttgctcccca	cagaggcaaa	gacatctttt	aacctaaactc	180
tcctaatagca	tgatgggtaa	caaaccctaa	atgaatgcag	gttcacatgt	actataattg	240
ttgggagtcg	aatgcatgta	ttcttcagg	tcacttctg	aaatttagat	aacttattta	300
ttacacgctt	tatttgagtt	aaagataaga	aaacaatata	cttttaaatgt	aaattgctat	360
ggcaatgtag	tttacagtaa	ttccttttat	atatacttcg	tattattcct	ttagacattt	420
tataaggaat	aaagctaatt	gtatatata	tttaacaata	atcagaaaat	attctccaaa	480
agaatttcct	gaagtgggct	tgctagggtat	aaagctcata	attgtcaaga	tacttacatt	540
aggacatga	acccaagtgc	ttaaataaaa	ataagatatt	tgtaaaaaag	tgctatagaa	600
gaaggtgcac	aaaaaacatg	cacttacaca	tactttccaa	aaggatgtaa	actgtacttt	660
taggcactgt	catctcttca	aatttccttt	accaatgata	tatagcacia	tttttgatgt	720
ctagatggtg	ctgtaggaag	atgactaagg	caaccacgtg	cagaaaagca	tgtgtgtgat	780
gcacagaaaa	tataaagatt	gcattccaaa	agtgaaggct	tgcaatgata	gtttgttatc	840
tgaaggttt	ggagtgtctt	gtcattaaaa	aatgaaatat	atgccactgg	agtcatatca	900
caaatggtgc	ctgatgtgga	cactctacct	ttaaaatgac	tttttaaaaca	ggcagacatt	960
tctatgctgt	tttatagggtg	gctatgtgac	ttcagttact	tataataaat	agccagtcaa	1020

**00000000000000000000**

<400>	3865						
catatt	gacgatcgct	ttccgtatct	atgacaagga	tacagacggc	tatattgggt		60
tgaact	catccgggta	ttgaagatga	tgggtgggta	caatctgaaa	gatacacggg		120
gcaa	atgtatactaa	accataataa	atgctgatta	ggatggagat	ggaagaatat		180
tgaaga	attctgcgct	gtcggatgtg	gcctagatat	ccacaacatg	atggtggtag		240
gtgact	cttatcagac	agtaccaccc	atcacttttg	ctttcttcta	catctctgaa		300
tcgctc	ggacgtccag	caatgctctt	tcg				333

2647

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<400> 3866
gagtaaagca aagagaaaagg aagcaggccc gttggaagtg gttgtgacaa cccagcaat 60
gtggagaagc ctggggccttg ccctggctct ctgtctcctc ccatcgggag gaacagagag 120
ccaggaccaa agctccttat gtaagcaacc cccagcctgg agcataagag atcaagatcc 180
aatgctaaac tccaatgggt cagtgactgt ggttgctctt cttcaagcca gctgataacct 240
gtgcatactg caggcatcta aattagaaga cctgcgagta aaactgaaga aagaaggata 300
ttctaataatt tcttatattg ttgttaatca tcaaggaatc tcttctcgat taaaatacac 360
acatcttaag aataagggtt cagagcatat tcctgtttat caacaagaag aaaaccaaac 420
agatgtctgg actcttttaa atggaagcaa agatgacttc ctcatatatg atagatgtgg 480
ccgtcttgta tatcatcttg gtttgccttt ttccttccta actttcccat atgtagaaga 540
agccattaag attgcttact gtgaaaagaa atgtggaaac tgctctctca cgactctcaa 600
agatgaagac ttttgtaaac gtgtatcttt ggctactgtg gataaaacag ttgaaactcc 660
atcgcccat taccatcatg agcatcatca caatcatgga catcagcacc ttggcagcag 720
tgagctttca gagaatcagc aaccaggagc accaaatgct cctactcatc ctgctcctcc 780
aggccttcat caccaccata agcacaaggg tcagcatagg cagggtcacc cagagaaccg 840
agatatgcca gcaagtgaag atttacaaga tttacaaaag aagctctgtc gaaagagatg 900
tataaatcaa ttactctgta aattgccac agattcagag ttggctccta ggagctgatg 960
ctgccattgt cgacatctga tatttgaaaa aacagggtct gcaatcacct gacagtgtaa 1020
agaaaacctc ccatctttat gtagctgaca gggacttcgg gcagaggaga acataactga 1080
atcttgtcag tgacgtttgc ctccagctgc ctgacaaata agtcagcagc ttataccac 1140
agaagccagt gccagttgac gctgaaaagaa tcaggcaaaa aagtgagaat gaccttcaaa 1200
ctaaatatatt aaaataggac atactcccca atttagtcta gacacaattt catttccagc 1260
atttttataa actaccaaact tagtgaacca aaaatagaaa ttagatttgt gcaaactatg 1320
agaaatctac tgaattggct tccagatttt aaattttatg tcatagaaat attgactcaa 1380
accatatatt ttatgatgga gcaactgaaa ggggattgca gcttttggtt aatatgtctt 1440
tttttttctt tttccagggt tctatttgct ttaatgagaa tagaaacgta aactatgacc 1500
taggggtttc tgttgataa ttagcagttt agaatggagg aagaacaaca aagacatgct 1560
ttccattttt ttctttactt atctctcaaa acaatattac ttgtctttt caatcttcta 1620
cttttaacta ataaaaaag tggtttttgt attttaagat ccagaaatac ttaacacgtg 1680
aatattttgc taaaaaagca tatataacta ttttaaatat ccatttatct tttgtatatc 1740
taagactcat cctgattttt actatcacac atgaataaag cctttgtatc tttctttctc 1800
taatgttgta tcatactctt ctaaaacttg agtggctgtc ttaaaagata taaggggaaa 1860
gataatattg tctgtctcta tattgcttag taagtatttc catagtcaat gatggtttaa 1920
taggtaaacc aaacctata aacctgacct cctttatggt taatactatt aagcaagaat 1980
gcagtacaga attggataca gtacggattt gtccaaataa attcaataaa aaccttaaag 2040
ctgacttcgt ttgttatgta ggctgtatgc atatatgaa aacagaagtg aaactttcga 2100
ttgcttttaa ataaatactt tactaatgaa tttactgcta agctc 2145

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<210> 3867

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(370)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (359)...(119)

<223> similar to gil76990 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 3867  
tttttttggc ggcactcag actttattct aagaccagga agggccggtg caaggagggg 60  
aggagggccc gatgggaggc ccaacgggct agaggaacgg gtaccgacgc tccagcttaa 120  
cggatttcgg aggtcatcac ggagctcaca gataccagga actgggccag gaaggcgtgc 180  
accgcagggg tgaacttgct atgctggatg tcggcctagg tatccaccca tgctggtcta 240  
atgagctggt tattgaccgt agccatccta aatgcgtacg caagcaagat gcttatgact 300  
gcagctcctg tgcatgacct ctgagacgcc aacactgatt acgtcaaagg tcccgccttg 360  
gggtcccan 369

<210> 3868  
<211> 2734  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (223)...(1079)  
<223> similar to gi2315451 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3868  
cagttaataa tcaactgtac ctaattgggc attcacttgt ggacctcttt tctgccaaact 60  
aaagaaaaat tgagctgctt tactcctctg ccttcccacc cagaaaccgt gtcagcatgg 120  
ttgcctggct acctgctcat gaaggacttg attaatagca aattggcaat ttaacgagcc 180  
acttccatga tctccaaaga aaccaaaata caaacacaaat atttaattctt gccaaaccgaa 240  
gacgatgtga ctgcatgaag tgcccttcgt ttttaaagaa agattattgg attaaaagat 300  
gagttttaca accgctacat aatgaaaagt tttttgtttg aaccagtagt gaaagcattt 360  
ctcaacaatg gatcccgcga caatctgatg aactctgcc aataagagat gtttgaattt 420  
attagagtgg aagatataaa atcatctaact gctcatgtaa ttgaaaatta ctggaaagca 480  
ctggaagatg tagattatgt acagacattt aaaggattaa aactgagatt tgaacaacaa 540  
agagaaaggc aagataatcc caaacttgac agtatgcgtt ccatTTtgag gaatcacaga 600  
tatcgaagag atgccagaac actagaagat gaagaagaga tgtggtttta cacagatgaa 660  
gatgacatgg aagatggaga agctgtagtg tctccatctg acaaaactaa aaatgatgat 720  
gatattatgg atccaataag taaattcatg gaaaggaaga aattaaaaga aagtgaggaa 780  
aaggaagtgc ttctgaaaac aaacctttct ggacggcaga gcccaagttt caagctttcc 840  
ctgtccagtg gaacgaagac taacctcacc ctacaacaaa tctgcctggt 900  
tctccgggat cacctggatc cccaggatct ccaggctctc ctggatccgt acctaaaaat 960  
acatctcaga cggcagctat tactacaaag ggaggcctcg tgggtctggt agattatcct 1020  
gatgatgatg aagatgatga tgaggatgaa gataaggaag atacgttacc attgtcaaag 1080  
aaagcaaaat ttgattcata ataatggcaa cggcctagga tcagtacctg ttgaaaaaaa 1140  
ctggttctcc acccctcccc catacaaaat ccacaacaaa gcgcagtggg ctcttgatga 1200  
tgactgacac agatcagcct cttacacttg acttctgctc atcaagtgcc aattcaatgg 1260  
agcaggagga ggggatatca tatatttagg ggaaagactt aagcctttga gctctccagc 1320  
ttggaccaca cattgccctt ttctcaggga aggaaatgga aacaaaaagc caacagggca 1380  
ggggttttgt aagtggaact ctggattgac tggtcagttg ctacaatcag aatatgcttt 1440

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cttgaccat gtttgagact cagaagaatg ggcctttctg ccataattct tcactagtca 1500
agaatgccag cagtttcttt gtataaagag acctgccttt aaaatcatac attctgaaca 1560
ttttagtcaa gctacaacag gtttggaana cctctgtggg ggaggggcca gtataaagtt 1620
ttcctctttt ttaactgttc cctttgccct tcaaactgca gatatttttt tttttaaggg 1680
gggacttctc cctacttgat taaagattga gtggaattct agatgtggtc atttgtgtca 1740
taattttttt gttttatatt gtttttgatt ttttttttcc tccctgaggt gtatgcttag 1800
ttgttgagta tatatatatt ggaccattaa aacttttttt gatgtaatat aacctaacgt 1860
tgtgctggta cctgtttttac catgtgtaat ttttgttcta catcacagtt cttaatttgt 1920
ttagagtttt atgaaagatg gtatagtttt tattgacaaa agcaaagtaa tcttacaact 1980
atgtgcatac aaaagcaata cctattttgt gactaaatat tttatattaa aatttacatc 2040
agcaactgtc ttgagaattc agggaaatag aatggaattt aaaacttcaa cagttttgtt 2100
aaatctagaa acatgaaatt agtattccaa agagattctg aaatttcttt tcttggggaa 2160
atgacgggta cattaaatca aaattgagga tggatgattt aaaaacattt tgacttttta 2220
ataataaaaa gaaaagtga gagtaagaga aattgtatta gttgtatgtt tcttgttttt 2280
gtttttaact actccctttg gaataccagt ttgacttgta agtgggtggt tctaaataaa 2340
tacctggcca gaggaccatc acctgtcacc ttattaaaaac agtattttta aatagggtct 2400
ttttgttgta ttagatgtga tcaaatattt tcaaggaaaa tgaaaataat tctacttacc 2460
ctcacttttt aaagtgaaga gtttagacct taagaatata ttttcaaagt tgaataaaaac 2520
ttcatatcca ggaaaggatg ctatttttaag tatcatatac tttaagagta tctagcaagc 2580
gctgtgtgct tctctgtctt gtcttgttta ttctcagta aattacaatg gtggtaccaa 2640
aaacaagact atactgcata gttggataga aaaccagaaa gtgtcaactt gctccagtca 2700
ttaaaagttt tattattggc tgataaaaaa aaaa 2734

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<210> 3869

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (297)...(170)

<223> similar to gi4160384 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3869

```

tatgggttaa atatattata ttttaatttat atctaattta tctataaatt atatataata 60
tatactttta caaataaagt acatatttgt ttataatgta taaatatatt ataaatatat 120
aatataattt attatatatt ataattaata taattatata ttacgatata aatacataat 180
tataatatag tatatatgta taatatataa tatgtaatat ataattatat attataaata 240
tacaatataa ttatatatac gtattaaata catataaata taattatata taatagac 298

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<210> 3870

<211> 325

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (12)...(211)  
 <223> similar to gi344422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3870  
 tcgattaaac cacctttgtc aactgactg agcggcactg tgacctgctc gtcgtgcatc 60  
 ctgagaactt cattgcttct agacctacgt tgctggctct gttttacttg gcccatcact 120  
 ttggtaaaga attcacctga ccatggcacg ctggctatat aaaagtgggtg actggagtag 180  
 atatagccct gatccacatt tatcacttaa ctcgctttct tgctgaccaa actatatcat 240  
 agtacctttg ttccctaagt ccaactacct agctggggga tattatgaag ggccttgagc 300  
 atctggattc tggtcgacgc ggccg 325

<210> 3871  
 <211> 1028  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(879)  
 <223> similar to gil3006 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3871  
 gtggcggaat tcggagaccc cattctatac caacacctat tctgattttt cggtcaccct 60  
 gaagtttata ttcttatcct accaggcttc ggaataatct cccatattgt aacttactac 120  
 tccggaaaaa aagaaccatt tggatacata ggtatggctc gagctatgat atcaattggc 180  
 ttccataggg ttatcggtg agcacacat atatttacag taggaataga cgtagacaca 240  
 cgagcatatt tcacctccgc taccataatc atcgctatcc ccaccggcgt caaagtattt 300  
 agctgactcg ccacactcca cggaagcaat atgaaatgat ctgctgcagt gctctgagcc 360  
 ctaggattca tctttctttt caccgtaggt ggcctgactg gcattgtatt agcaaactca 420  
 tcactagaca tcgtactaca cgacacgtac tacgttgtag ctacttcca ctatgtccta 480  
 tcaataggag ctgtatttgc catcatagga ggcttcattc actgatttcc cctattctca 540  
 ggctacaccc tagaccaaac ctacgccaaa atccatttca ctatcatatt catcggcgta 600  
 aatctaactt tcttcccaca acactttctc ggccatcccg gaatgccccg acgttactcg 660  
 gactaccccg atgcatacac cacatgaaac atccatcat ctgtaggctc attcatttct 720  
 ctaacagcag taatattaat aattttcatg atttgagaag ccttcgcttc gaagcgaaaa 780  
 gtcctaata tagaagaacc ctccataaac ctggagtgc tatatggatg cccccaccc 840  
 taccacacat tcgaagaacc cgtatacata aaatctagac aaaaaaggaa ggaatcgaac 900  
 cccccaaagc tggtttcaag ccaaccccat ggccctcatg actttttcaa aaaaaaaaaa 960  
 aagagggagg cccgctctag agattccttc gagggcctcc aacttacgcg tgggtggcaa 1020  
 tattagtt 1028

<210> 3872  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (305)...(67)  
 <223> similar to gi950115 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3872  
 attaatacctg ccacaatatt tttaattacg tacaagatc tgacatgtca cccagggacc 60  
 catttcaccc aatgctctgt ttggccgcca gtcttttgac tctctcttca acaatgggtga 120  
 ggcggatacc ctttctccg ggaagagaaa tccatgggtt ggtgcccttg ccaataacca 180  
 aaatgttgga aagtcgagtg gcaaagctgt tgccattggc atctttcacg tgaaccacgt 240  
 cataagatcc aggtgtgctc tatctgctgg tgatcacacc aagtcttctt aggttagcac 300  
 ctcc 304

<210> 3873  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(272)  
 <223> similar to gi5649170 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3873  
 ggcacgagcc caccagacc tagttcctca agatggttga ctccggaggc cagccccagc 60  
 tgactcagcc aggctagctg accgaggcct tctagcactt tctgcgaggc atgggctaca 120  
 tggctctatc ctgcatgact cgctgtccc ggtctcgaac agcctctatg accagcgcat 180  
 gatacattga cggcgaccga gcccgatata taacctgta ccagagcacc gagtctggaa 240  
 ctctttcttc tgggccacca gcgtcacgc atggcggtct gctgatgaaa ggcccttggt 300  
 gccctaaaga gtgaccacgc cctcacctcc ccag 335

<210> 3874  
 <211> 1221  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1208)...(1217)

<223> similar to gil045251 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3874

tttttttttt	ttggtatttc	tggatggttt	aatcatgaat	ggcggtaggc	agtgtaaagaa	60
aaaagttcct	agagcatgat	aaaccttggt	ttctggcaca	ggataaacct	ttcatttcat	120
ggtgtacatt	tcacaatatt	aaaaaaaacc	cagcctgggt	ttcatgatta	aagccgtggg	180
gaaaggacaa	tgtttccagg	gagcaacgac	tcgcaagcac	accccttggg	gctgtgcggt	240
ggccgtcggc	ggggccagct	tcaaagtcca	accacaagg	cacaggtttt	caaactctta	300
cctctgtgta	caagaacgta	catgaacttt	aaaaacgtgt	gtttcctcgt	ctgtgtttaa	360
caccctaacg	atgatcagtt	tgggggagac	gtacccctcc	ctaatacacag	gtaggaccac	420
ttcccaaata	aatgaaacga	ccgtcctctt	ttgtgtcttg	acttcagggt	tccggccgaa	480
cgacggagtc	ttttcctttc	ttgtcgatgc	agtttctcag	cctcctgttg	cttcttctgc	540
tggtcagacc	tctttaacgt	gaatgtcaat	tgtttgctgc	caacggtggt	gtcggataca	600
ctcaatgtcc	cattttttgc	ttcaattttc	aaacgatctt	caagggtttt	gttcatcagt	660
ttctgctttg	tggcagaatc	tttgaagctt	ctaaattctt	ctcctgcttt	gatctcataa	720
aactggggct	ttaggactgt	ctgctgggcc	tccttgagtc	gttcctgccg	cttacttttt	780
tcctcctgct	ggaggagtct	gcgttgcttc	ctgacctctt	caaccagggc	tttttcatca	840
tctgaactct	ccgaactttc	tgcatacact	ggttttcctt	ccggctcttc	ctcctcttct	900
ttttcacgaa	gttcttggtg	ctctaagagt	cttagtttct	tcttcctttt	ttcactaatt	960
tttgaaacaa	gtggattcag	aagcctaaat	tcttcaactct	cttcatctac	ttggaagtca	1020
gggttctcaa	acataacttt	aaatcgatca	tcggtgagaa	tatttaggaag	actcttaact	1080
ttctttttcc	atgtagattt	ctgcttctcc	tcttcttctc	caattaattt	aagtgccagc	1140
tctttgttaa	cttttggcaa	tttctttaac	tggactctct	gtgcacgtgt	ttcttctatg	1200
ttgcgtggta	gcgtatctat	g	.	.	.	1221

<210> 3875

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(22)

<223> similar to gi763431 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3875

ggcacgagta	aacctcttgt	ggaagagcct	cagaatttaa	tcaaacaaaa	ttgtgagctt	60
tttgagcagg	ttggagagta	caaattccag	aatgcgctat	tagttcggtt	caccatgata	120
gtaccccaag	tgtcaactcc	gactcttgta	taggtctttt	gattcattta	gatttgagtg	180
tatgtaatgt	cttattttat	agtttttaag	aatatttggt	attgttcttt	atattttgtt	240

ttatgtttct	gataattctt	ttttttataa	taattttatta	ttcattat	ttctgttctt	300
ttatgatgct	tatgttgatt	ttttttctca	attcttttat	tttttattat	ttttgtgtta	360

<210> 3876

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(276)

<223> similar to gi190074 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3876

ggcacgaggg	cctttgtcgg	tcgctacaag	cctgatgagc	agccctaact	gatgccacgc	60
catgacgtcc	ctactttgac	catcaacata	ctcctgagcc	gagtcggggt	ggattacgac	120
ggcttacgct	gtcgatatct	gcgctacaac	tgttccatac	gagccccacg	gaaaggctga	180
accctcatgc	gccctggaca	actaacgcat	taccatgagg	ggctactcat	gaccaggggc	240
accgctaca	tcgcacactc	cttcgtcgaa	ccctaattgg	gcaggcctga	ccctcttgga	300
cctttcatct	ttgccgagca	ccattgccca	gcagg			335

<210> 3877

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (302)...(601)

<223> similar to gi3114596 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3877

gcacgagccc	agctgaaggc	aataagctgg	gctcaccgct	gcagcagagt	tctgtgctag	60
ccgggcatag	gggcgagaga	aggcccagag	gcgacgtcag	agagaagcaa	ctgcgccccg	120
gtgaagagaa	gctcgcccat	caccggctgg	gagccagctt	tcagtgaaga	tggcagggcc	180
agaactgttg	cttgactcca	acatctgcct	ctgggtggtc	ctacccatcg	ttatcactct	240
tcgtagacat	gatccgccac	tacgtgtcca	tcctgctgga	gagcgacaag	aagctcacc	300
aggaacaagt	atctgacagg	ggacgaggca	cccacagtcc	ctctcccata	agcctgccaa	360
gaagattgat	gtggcccgtg	taacctttga	cctgtacaag	ctgaacccac	aggacttcat	420
tggctgcctg	aacatgaagg	cgacttttta	tgatacgtac	tccttttcct	atgatctgca	480
ctgctgtggg	gccaaacgca	tcatgaagtg	agcaaattgg	ggtttcctgg	ggacaaggga	540

```

agctctccac tgggcccttt tcagcatgca agccacgggc cacgtgctgc ttcacctcct 600
gttacctgca gcagctcctc gatgccacag aggaagggca tccccccaag ggcaaggcct 660
catccctcat cccgacctgt ctgaagatac tgcagtgaaa gcccaagccc tagctttccc 720
cagtgaagga ctagactagg ggccccacgc tcaactggta gtggccc 767

```

<210> 3878

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(265)

<223> similar to gi5678958 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3878

```

ggcacgagcg gcacgagcct ttttaagcgca gtgcacactc ataatttaag gccttggtgt 60
gcatggcact gaatgagcag cgtctgccgt cctgactgaa cctcttgctg ctgtccactg 120
cactcttcca gcctctctac caactgtgga gctacttggc acacacatgc tttgagagtg 180
ccctcaacct gctcatgctc ctgatcatcc tcaagtttag cctccctgta gatctggctg 240
tgcgccagct caaaaacatc atagatgcct tttgatgaca gtgccctaac ccagacaag 300
ctccttggtc agtatggata gatgtgctat tctt 334

```

<210> 3879

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (150)...(331)

<223> similar to gil890046 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3879

```

ggcacgagga ttgtgtgggg aaccatgact gtgagtggcc taggtatgct catgtgagaa 60
aaggtagatg gggttgtatg catcattgcg tgggtggctg tgaggttgta gttgtgtgtg 120
gctttggttg tgcgaagctg tgtgactgca gctgctgctg ggccaaggat ctggcagata 180
tgcataggga aggctctctt cgccagtacc tcctctgccg cctactgctg gggagctgag 240
ctgaggcatg gctggatgta gaggctgatc ataattgaaa agattagccc aagggtgctgt 300
gtgagttcag ggaggccagg gtctcttggt gatgctcccc 340

```

<210> 3880  
 <211> 1420  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1393)...(1214)  
 <223> similar to gil335892 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3880

cgtagagcaa	ctacacaatt	agtgcttcat	aaaacataga	ttgagatact	tagcctatca	60
gttttgtcct	ctaccttcac	ttttccaggt	ttaacagctc	tagttgcttt	catctttttt	120
gtatatctgt	ggtatattga	aatgactaaa	cagtaagttt	tgattgagaa	ttctagggttg	180
agaaataagt	aggctgaatg	tagtaattcc	agcccttata	cattggcttt	ctgctcctat	240
caggagggttc	ccatgatccc	tcggcccccac	tatgcccac	ctggctgtgt	ctacttcac	300
tgtttgtccc	gagatgactt	gctgcttcgt	cagggtgact	gtgtgtatct	gatgagggat	360
agtcggcgca	cccctgatgg	ccacccgggc	cgtcagtcct	atcgactgtt	atctcacatt	420
aaccgagata	aacttgacat	ctttcgcatt	gagaagcttt	ggaagaatga	aaaagaggaa	480
cggtttgctt	ttggtcacca	ttatttcctg	ccccacgaaa	cacaccactc	tccatcccgt	540
cggttctatc	ataatgaact	atttcgggtg	ccactctatg	agatcattcc	cttggagggt	600
gtagtgggga	cctgctgtgt	gttggacctt	tatacgtatt	gtaaagggag	acccaaagga	660
gtaaaggagc	aagatgtgta	catctgtgat	tatcggcttg	acaagtcagc	acacctgttt	720
tacaagatcc	accggaaccg	ctatcctgtc	tgacacaaac	cctatgcttt	tgatcacttc	780
cccaagaagc	tactcccaa	aaaagatttc	tcgcctcatt	acgtcccaga	caactacaag	840
aggaatggag	gacgatcatc	ctggaagtct	gagcgctcaa	agccaccctt	aaaagacttg	900
ggccaggagg	atgatgctct	acccttgatt	gaagagggtc	tagccagtca	agagcaagca	960
gccaatgaga	taccagcct	ggaggagcca	gaacgggaag	gggccactgc	taacgtcagt	1020
gagggtgaaa	aaaaaacaga	ggaagtagt	caagaacccc	agtcaacctg	taccctgag	1080
gaacgacggc	ataaccaacg	ggaacgactc	aaccagatct	tgctcaatct	ccttgaaaaa	1140
atccctggaa	aaaatgccat	tgatgtgacc	tacttgctgg	aggaaggatc	aggcaggaaa	1200
ctgcgaaggc	gtactttgtt	tatccagaaa	aacagctttc	gaaagtgacc	ctcaaagaat	1260
gagaacctca	agcatctggg	atccagtggg	gctaatacgt	cctgcctcct	gctctctggg	1320
tatagacagg	ggtgggaagg	gtccatctgg	gcaaggggaa	tggggccatg	ttgttgacat	1380
taggtactta	ataagccttg	gagctagtgg	agagggagag			1420

<210> 3881  
 <211> 1924  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1415)...(1255)  
 <223> similar to gi4235350 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 3881
ttttttccca agggcttta tttgggtacc ccccggttt tccccctccc cccttttta 60
aaccgcggcc cggaattta ttttggggc ccctaaaaaa aaatttttct tccccacccc 120
cgggccttaa aatttggtcc ctttaaagg ccccccttt ttttttttt gaaagctaat 180
gcactgttta tttgggggat tggggggaag caccctgccg ctgctcactg gtagccagcc 240
agctgcagga tgggggtgta gcaagtacga tgggccatgc acttctggcg gtcgatgaag 300
acactgttgg tcatggcggg aacatccttc tccaggtcga tgtgatgtc ctcgaggttg 360
caaagggact gctccccctc tagaagcttc tcccacagcg ctgtgatgga cttgtacagc 420
tcctccacct cactcaccag cttgggggtg ttgggggggt tgagctgggg ctggggaggg 480
cagaagtatg cacctactgg ggtggagggg acccaaaaact cccaatggga gctggcagga 540
ggctcctggga agacgccatg aaaggatcct accaggaaag cggctctagg gcagagcata 600
aattacgagg gtcctcccag ggagcgcggg cctgagtggg aatgagtga cgcggtgcaa 660
tctcgaccct gacaggacag gactggcctc agccgaccag gctcagttct ttccattcct 720
gatatttgac ggaaggaggc acccagttcc ttgaaggaa tgaggggcag ggaaggaga 780
aaggtactta ggctcagaag gggccacca ggcattcgtt aacaaggga acaaaaggac 840
ggcccatcta tgcctgtagc ccaggcgtag gtcatacttt cctccagagg tggggacagc 900
tccctcaggg cagcaggga tggcctctc tggcctctct gtccccgtgg cctccaggag 960
ctcaccttgt ctgaaggagc ttctccccgg gaagatgagg tagcacaggg tggggtgaga 1020
ccacgtgggc acaggtccct ggcacgggga ggcccccgac ccatgacctg ccagtgctca 1080
tgtctatata tgtgtgttta aggcgtgctt gcatgttgtg tgtggccgca gagtctccct 1140
cccctctcag cacctgtggg ggatgtgtgt gtggagattg gagtgtttat tggagagggt 1200
cgcagcgagg aggtggatgg gggcacctgg gactgcctca gaggcccagg cagtacctga 1260
actgggctgc atcgcggcac agctgcatgt tgggccggtg tgagagcagc tacagccggg 1320
tctgggctat gtgcagagg tccctcctgt ccttgatggc ctccctcagt gccaccagt 1380
tgtgttcctg atctgtgatt tccgcagca tctgcagaca ggacagtgcc ccttgggcct 1440
gtgcccccat gcccgggcat atggaatgta gagaccagt tggctcctacc cagctcctgg 1500
ggctgtgtcc agagggtggg cctgaccagt ggctctgggg aggcgtgggt gagggaaca 1560
atgtgcacgg ggcacccagc gggctctgga gagttaggca gcctgttggt tcttagctct 1620
ggtccaagaa ccccatcct tgggtgtcac caggaccaa atcctgctca aggactgggg 1680
actcagaggg ggtaaaggcc atgctgaggc cctagagtca gagccctgcc tgccaggcca 1740
ggactcttgg ggacctccca ggcagtcaat gctccccaga ccagctcctg cctccatcct 1800
ccccacagct cctccttctc agtcatgggg gttgcaacac actgcatca taccagtggt 1860
cacctggttt tacatagggt tacggagagg tgacacttgc ttctgggggt cctcgggata 1920
agtg 1924

```

```

<210> 3882
<211> 565
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (344)...(187)

```

<223> similar to gi4493973 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3882

attacattaa	aataaatttc	actcatttct	ttttattttt	taatgtgtgc	ctgttagatc	60
atttaaaaat	tacnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnattaa	atatatacat	acatacatat	atacatatcat	acatacatat	atacatatcat	240
acatacatat	aaacaaaaac	taaaaacaag	ttaaataact	tgtcaagggtc	caggagttaa	300
acctgagaat	gtgtgtctgt	gctcttaacc	agtatactag	ttgttcccaa	tagtggctgc	360
atatcagaat	cacctgtgaa	gtttgttaaa	ctatcagtgt	ctcagcccca	cctctagagt	420
ctgactcagc	aggngacatt	tatcctatag	tacttttagct	gcctgtggag	tgaccttttt	480
aaaggtaacta	ctttgcaccc	agaggatttt	cagttgtgtt	gttgacagac	agattgacag	540
tcttggttct	tttgactttt	agtcg				565

<210> 3883

<211> 1209

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(918)

<223> similar to gi203106 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3883

ggcacgagca	ggtctctgcc	cttcatagac	gcataaaggc	tatcgtagag	gtggctgcaa	60
tgtgtggagt	caacatcatc	tgtttccagg	aagcatggac	tatgcccttt	gccttctgta	120
cgagagagaa	gcttccttgg	acagaatttg	ctgagtcagc	agaggatggg	cccaccacca	180
gattctgtca	gaagctggcg	aagaaccatg	acatggtggt	ggtgtctccc	atcctggaac	240
gagacagcga	gcatggggat	gttttgtgga	atacagccgt	ggtgatctcc	aattccggag	300
cagtcttggg	aaagaccagg	aaaaaccaca	tccccagagt	gggtgatttc	aacgagtcaa	360
cttactacat	ggagggaaac	ctgggccacc	ccgtgttcca	gacgcagttc	ggaaggatcg	420
cggatgaacat	ttgctacggg	cggcaccacc	ccctcaactg	gcttatgtac	agcatcaacg	480
gggctgagat	catcttcaac	ccctcggcca	cgataggagc	actcagcgag	tccctgtggc	540
ccatcgaggc	cagaaacgca	gccattgcca	atcactgctt	cacctgcgcc	atcaatcgag	600
tgggcaccga	gcacttcccg	aacgagttta	cctcgggaga	tggaaagaaa	gctcaccagg	660
actttggcta	cttttatggc	tcgagctatg	tggcagcccc	tgacagcagc	cggactcctg	720
ggctgtcccg	tagccgggat	ggactgctag	ttgctaagct	cgacctaaac	ctctgccagc	780
aggtgaatga	tgtctggaac	ttcaagatga	cgggcaggta	tgagatgtac	gcacgggagc	840
tcgccgaagc	tgtcaagtcc	aactacagcc	ccaccatcgt	gaaagagtag	ccggcttcag	900
tgcttgcctt	ggggtgagga	agacacctct	gccccagtg	attagcaagt	gtggcaggct	960
taacatgtcc	aggttctccc	caataacatt	gtccagggtg	ttttaaaatt	cccaggcagg	1020
gggagagtgg	catggggagt	gacttcttaa	tgggtaaggg	gctgcttact	tctgggggat	1080
tggaaatggt	tggggactag	gtagaggtga	atgtactaaa	tgccactgaa	tttgtatact	1140
tcagaatggt	tggtatgtaa	attttacctc	aactaaaaaa	aaaaaatgcc	caggtaaaaa	1200

00488725.04100

aaaaaaaaa

1209

<210> 3884  
<211> 1523  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2)...(694)  
<223> similar to gi3924670 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

09480725.012100  
<400> 3884  
cttccgggtgg tgggttacaag taacatcaaa ggtcatccttt ttctggcttc ttgtccttta 60  
tcttcttcaa gttgctgcaa tagtattatt ctgctccact tctagcccac acagcatacc 120  
tctgacagag gtgattgggc cgatatggct gatgctgctc ctgggaactg tgcattgccca 180  
gattgtttcc acaagaacac ccaaacctcc tctaagtaca gggggtaaaa gaagaaggaa 240  
attaagaaaa gcagcccatt tggaagtaca tagggaagga gatgggttcta gtaccacaga 300  
taacacacaa gagggagcag ttcagaacca cgttacaagc acctctcaca gcgttggcac 360  
tgtcttcaga gatctctggc atgctgcttt ctttttatca ggatcaaaga aagcaaagaa 420  
ttcaattgat aaatcaactg aaactgacaa tggctatgta tcccttgatg ggaagaagac 480  
tgttaaaagc ggtgaagatg gaatacaaaa ccatgaacct cagtgtgaaa ctattcgacc 540  
agaagagaca gcctggaaca caggaacact gaggaatggc ctagcaaag atacccaaag 600  
gacaataaca aatgtctctg atgaagtctc cagtgaaggaa ggtcctgaaa caggatactc 660  
attacgtcgt catgtggaca ggacttctga aggtgttctt cggaatagaa agtcacacca 720  
ttataagaaa cattacccta atgaggacgc ccctaaatcg ggtactagtt gcagctctcg 780  
ctgttcaagt tccagacagg attctgagag tgcaaggcca gaatctgaaa cagaagatgt 840  
gttatgggaa gacttggttac attgtgcaga atgccattca tcttgtagca gtgagacaga 900  
tgtggaaaat catcagatta atccatgtgt gaaaaaagaa tatagagatg acccttttca 960  
tcagagtcac ttgccctggc tccatagtcc ccaccagga ttagaaaaaa taagtgtctat 1020  
agtatgggaa ggtaattgatt gtaagaaagc agacatgtct gtacttgaaa tcagtggaaat 1080  
gataatgaac agagtgaaca gccatatacc aggaatagga taccagattt ttggaaatgc 1140  
agtctctctc atactgggtt taactccatt tgttttccga ctttctcaag ctacagactt 1200  
ggaacaactc acagcacatt ctgcttcaga actttatgtg attgcatttg gttctaataga 1260  
agatgtcata gttcttttcta tgggtataat aagttttgtg gttcgcgtgt ctcttggtgtg 1320  
gattttcttt tttttgctct gtgtagcaga aagaacttat aaacagggtg gtataatgta 1380  
gacttccgaa taagaatatt ttatcgtttt cataatatta aaagtattcc tgaagtactt 1440  
tattatttca ttatatcatt ttacctaata tttttttttt ttttgctttt atagtaccta 1500  
accaaataaa atcttaacaa ttc 1523

<210> 3885  
<211> 410  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (183)...(338)  
 <223> similar to gi5733600 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3885  
 cggacgcgtg ggcggacgcg tgggtgggtca gcctgtctga catccagggt gtgctattaa 60  
 ccaagaagga agcagatact tggaggctta gatgacttct gcaggattta tattcagata 120  
 gaaagggtaa actgtttttg tttgctggca ggagtaggtg catatatacc agcacttcaa 180  
 gtttgggtatt tccattcagg acattttatc tctgtgcaaa gaccggagta taagctgatg 240  
 agtggatcaa gatattacgc tggaaattgt cacaactaag aaaacagctc aaccaagggg 300  
 aaggcacgat ccgatctcgg acgatcatct ttagatatat cttatatgcc aaggaatgct 360  
 tatggaccat gagcaaattg gaaagctctc cagatgcttg gataaaattg 410

<210> 3886  
 <211> 1171  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (325)...(728)  
 <223> similar to gi1902984 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3886  
 gagctgggtga aatcctctga ctcatagatt ctcttttgtc cacagacagt catctcagga 60  
 gcagaaagaa aagagctccc aaatgctata tctattcagg ggctctcaag aacaatggaa 120  
 tatcatcctg atttagaaaa tttggatgaa gatggatata ctcaattaca ctctgactct 180  
 caaagcaata ccaggatagc tgttgtttca gagaaaggat cgtgtgctgc atctcctcct 240  
 tggcgccctca ttgctgtaat tttgggaatc ctatgcttgg taatactggg gatagctgtg 300  
 gtccctgggta ccatgggggt tctttccagc ccttgtcctc ctaattggat tatatatgag 360  
 aagagctggt atctattcag catgtcacta aattcctggg atggaagtaa aagacaatgc 420  
 tggcaactgg gctctaattc cctaaagata gacagctcaa atgaattggg atttatagaa 480  
 aaacaagtgt cttcccaacc tgataattca ttttggatag gcctttctcg gccccagact 540  
 gaggtaccat ggctctggga ggatggatca acattctctt ctaacttatt tcagatcaga 600  
 accacagcta cccaagaaaa cccatctcca aattgtgtat ggattcacgt gtcagtcatt 660  
 tatgaccaac tgtgtagtgt gccctcatat agtatttgtg agaagaagtt ttcaatgtaa 720  
 ggggaagggt ggagaaggag agagaaatat gtgaggtagt aaggaggaca gaaaacagaa 780  
 cagaaaagag taacagctga ggtcaagata aatgcagaaa atgttttagag agcttggcca 840  
 actgtaattc taaccaagaa attgaaggga gaggctgtga tttctgtatt tgtcgacct 900  
 caggtaggct agtattatct ttctagttag tagatcccta gacatggaat cagggcagcc 960  
 aagcttgagt ttttattttt tatttattta tttttttgag ataggggtctc actttgttac 1020  
 ccaggctgga gtgcagtggc acaatctcga ctactgcag ctatctctcg cctcagcccc 1080  
 tcaagtagct gggactacag gtgcatgcca ccatgccagg ctaatttttg gtgttttttg 1140  
 tagagactgg gttttgccag cttggtcaac a 1171

<210> 3887  
 <211> 1167  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (758)...(377)  
 <223> similar to gi530876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3887  
 tttttttttt ttgattgggt aaaatatata caagataatg ctatactttt aaaagagaaa 60  
 aagcacttta cattgttttag gtcttttgat ctgcatatgt ccctgaggta agtattccag 120  
 ccatgggaaa ctgaagcaca gagaggtagt caccaccaa agctcagggc tggcctccag 180  
 agcttgaacc cttgcctgag ctggggtcac cagcctgggt gggccacgga gcgatcatca 240  
 tttctccatc tgatcggaat gtcacccacc actctgttct gggggcccagc ccgcctggct 300  
 ccaggcaggc tcggaggccg tgctctcctg gacctgggtc atctgggtgc agccagcact 360  
 gggcaggaaa ataccgctgg agcagtgcc aatcccggcc aggcccaagc cgttggtctga 420  
 cctgggtctg gagggccacc atgagccac aatcccggcc aggcccaagc cgttggtctga 480  
 agtgggcagc tgtgtctaga agtaaggcaa tgaggtaggc ggcttcctgg ggctctgggt 540  
 cttccgctag gtactcttct agcccggaata gctctcgggt tgagggtggg tactggaagc 600  
 cctcatgggc agagcacagg agcccgaaaa gctctcgggt tgagggtggg tactggaagc 660  
 ggatcttctg gagtcgcatt gggctctagag tcgttccggg cccgcggggc atgctttgaa 720  
 gaggccttcg tgtcaggaag aggactgggc cttggccctc cccgcggggc tctagggccg 780  
 cagcaaatac cagcgtgtt tttccagatc ctggtgtacc gagcagcagc aaaggcggtc 840  
 cggcggcagg catgttctcc tccccggacc aggcgcacc gcccttggtt agcaccggcc 900  
 tcagcgtctc cgccattcgc cgcgtagctc tgaccaatcg gtgggctcgt tcccagcctt 960  
 agtcccgccc aagccgtggc cgcctcgtag agatgggggt tcaccatgtt gggcgaggct 1020  
 ggtctcaaac tcttgacctt cagatggatc cgctgtctt ggcttcccag agtgccagga 1080  
 ttataggcat gagccactgt gtctggcctg tcttcacatc ttgacagaag aagatttacc 1140  
 atagaggaga atcatggagg aatgtac 1167

<210> 3888  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (348)...(347)  
 <223> similar to gi296382 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3888
ggcacgagaa caaaactagg cggttgaatg agaggttcct aagagtgctg ggcattttta 60
ttttatgaaa tactatttaa agcctcctca tcccgtgttc tccttttcct ctctcccgga 120
ggttgcgtag cccctctcct tgccacttac ttccatctct tcgctccgcc tctcgcgctct 180
ccctcccgga tccccccacc tctcttccgt cttcctctcc tcattcgctc ttttcccac 240
ctgcttcgct actctcttcc ttctcgctgc ttctccctcc tcctctctct actctcctct 300
tcgtcttcca cctcgtctt cgctatatct cagctctcgg tccgcgatag tg 352

```

```

<210> 3889
<211> 1634
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1589)...(1068)
<223> similar to gi4103857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3889
tttttttttt ttctttgctg ttcacaactt gtacttttatt tttctcaaaa atttttactt 60
atgctttttg tcattatcca cagtgttttt ttttttaaag cctgagccac tttgtggttt 120
tagcctcaat ataataatca tccccttact cttagactaa ttcttttcc cctgtcactt 180
tgctgtata ctctgtaaaa atgaggacct tagaaaatca acatttcctg tgaacttgag 240
agactataca agcagtgcc aaatcagtag gattaggcag gtaaaaccag ttggatagca 300
gatataattat gatctgttgg acaaaggat agttgtgtgc atgtctacaa ggtcatcgctg 360
attcgccatt agcttaagga tcatgtagg tgaccagggt gaggtaggac tatccacagg 420
attgtgtaaa ttgtggtagg ggatgcagta ttcaatattc atgaattaaa cacttagcta 480
actgctttcc tgaaaatggg ctgtgttcta aaagacaaag atctagggtt tttgctgttt 540
tttactttta cttatgaaga ttcaagtcac taatatgtta cttgctctgg tttaaaatga 600
aagcaactgg ctatggtaag gtagagaaga cagctgaatt gtatcagaat atttaagact 660
tttaaattaa gttctgagtt acctcccctt ataaaaatat atgtcaatat actaaatacc 720
caacaaagat ccaggatgtg ggatatttaa aaatacattt ctcttgatc agcaccacaaa 780
ataccagttt ctgtacaacc cgtgtcaagt ttttaagtat acacacatta aaattatttc 840
tgataaaaaa atcacaaact ccacagaaat aattaaagat atatgcaaat tactttcaaa 900
tacattttga catcaaagtc aggcaattcc cttggaagaa tgttataatg aatgtcactg 960
aatttttgta gtaagatggt tgacgtcaac tttgattatg ggaatacatc tcacacacag 1020
gaggcactgg tatttagaaa cttaggaaaa ttactagaat tgtaagact gaggtgaaga 1080
atttgtacag ccttcacaa tttcaaagag gtagtagatg atacttgtcc tctggcaat 1140
atcaaatgca gtttcttcca agttgttttt cagccctggg ttgacgtaac ggttcacag 1200
gaggagttct aggttatcct tgctgtctct gttcccagca gcaagatgca aggggggtcaa 1260
gaggcctttt gtttgggcat tgatatctgc atcatgctgc agtaagaaag aagccactct 1320
ggtattattc cacttacaag cactgtgcag gggcgtccag ccatccacag tcaactgcatg 1380
aacatcggcc ccctgtgcaa tgagctcctg aacaatatct aagtgccac tgtaggctgc 1440
tcgatgaaga ggggtatact catcttcac cctagtgttc acgtgagtgg ccttttcaga 1500
aagcagtctc cgcactgtgg taagctagca tgacactttg cagcttaata tgtgctttca 1560
tgtacattgt ctcatgtgg cctcacaatc aagacatagg tatgatggcc ataacagtaa 1620
aggcaggtct tctg 1634

```

<210> 3890  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (61)...(1433)  
 <223> similar to gi2854044 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3890

attcaacctc	ccactggaga	gcccctgctg	gcaaacgacc	ctactcggac	agaggaagtt	60
caggatgaca	cctggggaga	gaccaccacg	gccattacag	gcacctcgga	gcacagcata	120
tccaagagg	acattgccag	gatcagcaag	gacatggagg	acagcgtggg	gctggattgc	180
aaacgctacc	tgggcctcac	cgtcgcctct	tttcttggac	ttctagtttt	cctcaccct	240
attgccttca	tccttttacc	tccgatcctg	tggagggatg	agctggagcc	ttgaggcaca	300
atttgagagg	ggctctttat	ctccatggca	ttcaaaactcc	tcattctgct	catagggacc	360
tgggcacttt	ttttccgcaa	gcggagagct	gacatgccac	gggtgtttgt	gtttcgtgcc	420
cttttgttgg	tcctcatctt	tctctttgtg	gtttcctatt	ggctttttta	cgggggtccgc	480
atthttggact	ctcgggaccg	gaattaccag	ggcattgtgc	aatatgcagt	ctcccttgtg	540
gatgccctcc	tcttcatcca	ttacctggcc	atcgtcctgc	tggagctcag	gcagctgcag	600
cccatgttca	cgctgcaggt	ggtccgctcc	accgatggcg	agtcccgtt	ctacagcctg	660
ggacacctga	gtatccagcg	agcagcattg	gtggtcctag	aaaattacta	caaagatttc	720
accatctata	acccaaacct	cctaacagcc	tccaaattcc	gagcagccaa	gcatatggcc	780
gggctgaaag	tctacaatgt	agatggcccc	agtaacaatg	ccactggcca	gtcccggggc	840
atgattgctg	cagctgctcg	gcgcagggac	tcaagccaca	acgagttgta	ttatgaagag	900
gccgaacatg	aacggcgagt	aaagaagcgg	aaagcaaggc	tgggtggttg	agtgggaagag	960
gccttcatcc	acattcagcg	tctccaggct	gaggagcagc	agaaagcccc	aggggaggtg	1020
atggacccta	gggaggccgc	ccaggccatt	ttcccctcca	tggccagggc	tctccagaag	1080
tacctgcgca	tcaccgggca	gcagaactac	cacagcatgg	agagcatcct	gcagcacctg	1140
gccttctgca	tcaccaacgg	catgaccccc	aaggccttcc	tagaacggta	cctcagtgcg	1200
ggccccaccc	tgcaatatga	caaggaccgc	tggctctcta	cacagtggag	gcttgtcagt	1260
gatgaggctg	tgactaatgg	attacgggat	ggaattgtgt	tcgtccttaa	gtgcttggac	1320
ttcagcctcg	tagtcaatgt	gaagaaaatt	ccattcatca	tactctctga	agagttcata	1380
gaccccaaat	ctcaciaaatt	tgtccttcgc	ttacagtctg	agacatccgt	ttaaaagttc	1440
tatatttgtg	gctttattaa	aaaaaaaa				1468

<210> 3891  
 <211> 2395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(863)

<223> similar to gi286103 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3891

ttgcctcgaa	gcataaacac	aaacacttta	tctattttaa	catatagtgg	aaaaaatcag	60
gattttctcca	gctttgagga	tactgggaaa	agtagtttag	gggacatggt	ctcacctatc	120
agagatgatg	ctgtatttaa	caagggaagt	gatgagtcca	taggcaaagg	agatggcttt	180
gactttctac	cgcggctgaa	ctcagtgttt	ccttcaagaa	aaaatccagt	aacttcaagt	240
acttcagcat	tgcattctag	tcctcttaat	gtttttatgg	gatctccagg	gaaagaggaa	300
aatgaaaacc	gtgatctaac	agctgagtct	aagaaaatat	atatgggaaa	acaggaatct	360
aaagactcct	tcaaacagtt	agcaaagttg	ggcacatctg	gtgctgaaag	tggaaatcta	420
aatacctctc	catcatctaa	ccaaacaaga	aattctgaga	aatttgaaaa	gccagagaa	480
gaaattgaag	cccagttgat	atgtgaaccc	ccaatcaatg	gatcctcaac	tccaaatcca	540
aagatagcat	cttctgtcac	tgtctggagt	gccagttcac	tctcagaaaa	aatagccgac	600
agcattggaa	ataaccggca	aaatgcacca	ttgacttcca	ttcaaattcg	ttttattcag	660
aacatgatac	aggaaacggt	ggatgacttt	agagaagcat	gccataggga	cattgtgaat	720
ttgcaagtgg	agatgattaa	acagtttcat	atgcaactga	atgaaatgca	ttctttgctg	780
gaaagatact	cagtgaatga	aggttttagtg	gctgaaattg	aaagactacg	agaagaaaac	840
aaaagattac	gggcccactt	ttgaaatttc	agtgaatacc	ttaatgttct	gtaatttggg	900
aagtttctgg	caacacagaa	ctacatagaa	tcagtattgt	tttcatggcc	tccagggaaa	960
aaatgttttt	caagtaagag	taaaagggtg	atgggatttt	ataccaacaa	ctgtttcatc	1020
ttaaaaatat	gtatatTTTT	atattaaaaa	ttgtacagta	tgtcatctac	ccaataggaa	1080
agtcaacagg	atctttatTT	tttgaaagct	ttagccatcc	actaagtgcc	ctttttcata	1140
agagaagaaa	attgtgcata	aaaatttggt	atgtttgttt	tttagtcatc	ttttttaaca	1200
tatatTTttg	attgacaaat	tgcctttcaa	atTTTTtggg	ctagttgaga	tttaaagagt	1260
ttgatattgc	ttctattTTT	atggagaaag	taatttttaa	atggcaattg	gtgtttctaa	1320
gccattgact	aataaaacat	agggttggct	agtaattatt	ttgttaactt	gatgaagtca	1380
agtatgacta	ttattttattg	tacatttgat	aagacaattt	ttggaatttt	gaattgcaca	1440
aattacatga	tatctttttgc	atttatgtta	ctatatgtga	cttctgacaa	atctttattc	1500
ctgggtggta	tttttaagat	atctttacct	ataaaaaatg	tttaaggttc	ataggactcg	1560
acaagagcta	tctggtgatt	ttctcattag	taacatgcaa	cgttgtactg	caaaatttca	1620
atcaacatga	caacttataa	tgagtggaga	tttcatatta	ggtactaaat	attatagtat	1680
tattttctatt	ttctttttcc	aaataagaag	cttggattat	tttattttgg	gggctttatc	1740
attaacttta	attctttctg	tactgggtat	aatatTTTTa	tattattggc	cttaccataa	1800
aattatTTtag	gaaagggtgt	caaaataagt	tatacctctt	tggcaataga	tagatgtata	1860
catctaccta	ctatgatcta	caatttttagg	ttaagtgaag	cttggggggg	ctactgactt	1920
ggttaccttc	ttgtctcttg	tcccaaagat	ttaaactatg	tacctttgta	tagctcttct	1980
gccccatttt	gacttctgag	atgaaagtat	tttctaaaaa	taaaaaaaaa	aaaacaaaaa	2040
acaaaccttt	agctcactaa	ctttatgggt	ttctgaagtg	atggaaattt	ttagggattt	2100
ttttaataag	cataaactta	ctaataatta	cttccaaaaa	taaaaacagg	aatattactt	2160
ttacccagtg	tggttttatag	catacatttg	tactgaagca	tatagggatg	ttaatgtgat	2220
cttttcttga	cagattatga	aagcattatg	acttgaaca	agtttccttg	tatatcacta	2280
acaggTTtag	aagacataaa	tattagtgtg	ttttgcctac	atggtgtatt	taaatctatt	2340
aatattttcc	tgttgctttt	ttaaaaaaat	aaatacacat	aatgtaaaaa	aaaaa	2395

<210> 3892

<211> 1774

<212> DNA

<213> Homo sapiens



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<220>
<221> misc_feature
<222> (28)...(884)
<223> similar to gi537433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3892

```

```

cggacgcgtg ggcggacgcg cgggcgagga actagaggcg gaggcggggg cggaggaact      60
ggagcaggcg gcagagggga aggaagtcag gttccaggcc tctctgccgc tgaccaggat      120
cgatgaggaa gaggctgctg cagccccgga ggccgagaca gagcgggtgg agggggagga      180
ataggacaag gaggagacgc agagagacgg cgcgagagc aaggagaggg atgggggaagg      240
acgcccggcc aaaagccagg aagaggggaa gcgcctctat ggaagggacg agtttgagga      300
cctcgagtgg tccgaggagg tccagaagct gcaggagcag cagctgcgca gcgacctcct      360
ggaccagtac cgttccctgc tggaggagcg gaaccgctcc cagcgctaca acctatacct      420
gcagcacaag atcttcgagg cgctgcgcaa aaagaaggcg ctggaggccg ctgagggtggc      480
tgaccggggc gcagaggccg agggccccga gaaagagcaa gcgtacctgc gccatctggg      540
catgctggag gagctgaaga agcagcaggc agacgacctg cagtggtagc accaggagct      600
gggccagttg aagcggcagt gccaggagaa gctcaccagg gtggagaagg agtggcgacg      660
cttccaggca ctcaagaagc aggtggtgat gcaggccatg ggcagctgtc ggatgagggg      720
cgggcgccag gctgctctgc gagagggtga gcagatccag gcgttgaggg ataaaaagga      780
gaaggagatg agcgcctgct ggctggagaa cattcagctg aagcagagcc tgggtgcattt      840
tgaaaccagg atgaggaccc aggaggacct gaccagggtg ctgcttctta ttgactttga      900
acagctgaag attgagaacc aaaccttcaa tgagaaaatt gaggaacgaa atgaggaact      960
tttaaaactt cgcagcaagg tgaccaacag tgtgcaagta ataaccacg tgaaggaaaa      1020
gctgcacttc atggacatgg agaacgcgtg caaaaagaca cagctggcag aaatcgaggc      1080
ccaggccgcc ctagggaagag acatcctgac caagacgaag caagcccagag aggggctgcg      1140
gacggacaac atcagactga atcagaagtg cggccttcta ggcaaggact cacttcttcg      1200
ggacttggaa gaaaagggtg acaagaccga actgcttcac cggcgccctg aatccctgaa      1260
gcgccaccac gctagcctca ctttgtcctg cagaggcgctg aggcagaaga tcaggagggc      1320
caaagccttt ctcccttctt gaccagatcg atgagaagag tctgcaaaac acttcatacct      1380
caggacgtgc tgtcctgctt tattttacct tcgttgctat ttaaaaaggc ctgtgttcat      1440
ttggggacgg gactcttatt tttgtattta ttcttcaaaa cgtttttagct tccaaatcag      1500
tgctgagccc caacccccgg gttaggagtt ttatcctggg attgagcaaa aataggtccc      1560
agaaaagcaa acaaagggtg atttaatgta actgacttct catgaaaaac tgtcaaaagt      1620
ctcaagtctg agcaattcta taatttcagt gatgtaatac taaagagtac tgttcctctt      1680
tcatatgtag gaggggttaa aagttcagcg aatgggcaag gtacaaaaaa accctgtgca      1740
ttaagctaata tattaatttc tttggattta ttaa                                1774

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```

<210> 3893
<211> 1594
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(550)
<223> similar to gi5106930 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3893
cggacgcgtg gggaaaccgc tgtgctgtgg gcgcagcgcc gagattgatt caccttcacc      60
tgtgctgcac tccagctgac ccaagtagga agccagacga gctgtaaaac atgaacggaa    120
gagtggatta tttggtcact gaggaagaga tcaatcttac cagagggccc tcagggctgg    180
gcttcaacat cgtcgggtggg acagatcagc agtatgtctc caacgacagt ggcattctacg    240
tcagccgcat caaagaaaaat ggggctgcgg ccctggatgg gcggctccag gagggtgata    300
agatcctttc ggtaaattggc caagacctaa agaacctgct gcaccaggat gctgtagacc    360
tctttcgtaa tgcaggctat gctgtgtctc tgagagtgcg gcacaggtta caggtgcaga    420
atggacctat aggacatcga ggtgaagggg acccaagtgg tattcccata tttatgggtgc    480
tggtgccagt gtttgccctc accatggtag cagcctgggc tttcatgaga taccggcaac    540
aactttgaaa aacttgctct ctttcaatac tcccaatgaa gatacatttc actcacctc    600
caccctgctc attctgccat gtctttccct ctctctgcat agccagattt gaagtgaactg    660
atacccccac caaaccttgc tgttcacagt ctccaattct tcatattcta atgggaaagt    720
aaaggatttg tttgaaggaa aactgaagaa aagacttggc ttagaacaaa tgaggagtta    780
tatattttac taggactttt gatagaaatt cagctacaac ccaaagagag aaagattgag    840
tcttcctgtc accataggca ataccttttt tcttagctgg catgccataa aggccagcta    900
tgtgatatta gaggaagaaa ggatttttct ttttaatgat cttccttggg aaattattgt    960
ggcctttatt taattttctaa ctacgtacct ggggtgcctat atcgacaaa agtgagaaga   1020
gcattttttac ttttttaaaa aagcaaatac atatatacac atacgtatgc aaatattata   1080
gtataatagt gatccctatg gagaattaaa ggtgagaaa agctactttgt gtgatctagg   1140
tttctgataa aagggatgat cttaactgaa gaatttaaa agatacttaa acagagcaaa   1200
tgtagtagga acaaggaggat gagccttata agaggacggt cagtctcatt tattaanaata   1260
ataactgaga ctgggagagg tggctcatgc ctgtaaatcc cagcactttg gtagcctgag   1320
gtgggagatt gcttgagtc aggagaccag cctgggcaac atggcggggc ctcatctcta   1380
tttaaaaaaa aaatagaaaa aaatgtaata actgaagcaa ctaattaaaa atcttagaag   1440
aacaatatatt attcttataa cagccaacta tggggagtta ttataaggta aattgccata   1500
atccagcgct gctcacatct aaaaaacttt gaggtgtaaa ggtaaatcgt accaatctct   1560
ggggctgccc tagtgacttt tttgatacct caga                                1594

```

```

<210> 3894
<211> 628
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (581)...(58)
<223> similar to gil68455 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3894
tttttttttt ttgccattca tttgtttctt tattcaatcc ctgcaccaa tgcctctctg      60
gccagcgct gtgtggggag ctgggacatg gggcatggg actgccccaa ccctctggga    120
actcataggc tggcaggggtg ggaggaggca ggcttggtgc tgtaactgtg ggtaggagtt    180
tcacgggcat ctcaggctgg ccctggaccc ctggaagggg ggctgggttt ggggggtaag    240
tggagtcggt cagggatgag ggtgggaagg ggacagcagg cagaggatgt ggtgggcagg    300
tggctgaggc ctggagggac atggggaggg gccagggggc aggcttacag ggcttctggg    360

```

taaagctgtg	gagctgagac	tctactgctt	gtgtggagct	aggagaggtc	ttgaccatgg	420
atggtgggta	gctctgagct	ctgggcaggt	ggacgggtgt	ggggggacaa	gtggcagtgc	480
ggagtcaagc	agagggttgg	caaggccagc	tcgttcccct	gggcctgacc	cctctgctct	540
ccgaagccac	gagggcaggg	cagggtgatg	gtgcactggg	tcacctcctg	ccaatcaaac	600
tgtccttttc	cccttcagta	ttgaaggg				628

<210> 3895  
 <211> 1088  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (998)...(735)  
 <223> similar to gi535682 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3895						
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tgtcaaatat	tgactgtttt	tatatgggt	gtcctaccca	attaaaaaaa	aaagaggaag	180
aatgacctgg	cagacagttc	ttgttgtgcc	atgttattga	tataacagca	atatcatata	240
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ctcaggggaaa	tgttttaaga	aatagaaatt	aattcattct	ttccccaaga	aaaactttaa	360
ggtaaacatc	ttaaaacacc	taagtgatga	aggagaaaat	ttgtattcct	taaaaagggg	420
tcagtgtctga	aagaaaattg	catggtagac	cccactgcac	aacgggttctg	caccaaaga	480
aaaatgagga	ccatattaac	ataattatgt	tggagagaag	aaaaaccac	acttagaagt	540
caggtttctt	ttaaaactcc	ttgttacaaa	tagaatcaat	gattatatct	cagacataat	600
aatgggtcaa	actcacaaaa	tcagtgtctac	aaaatacagt	atttttccat	cacttttagt	660
tgtaatgtac	actatgtaca	gaaagataat	actacctatt	ttaaactaaa	tatagatgaa	720
caaacagcgt	taaaaaccag	aatcagggct	tataaatagt	gcagaaaatg	caaacgccaa	780
aaaaacgatg	cctcctatga	ttgtcacagt	tctgacagag	attttctgtg	ctatcattct	840
tcctccaatt	actgccaatc	cogtgcacag	gcagtgcccc	acagttccac	ccacggctac	900
accatagggg	tcctggaagc	aagcgtcaca	gcattaattc	aaaaccaagg	tgacaactgc	960
tgcttgagaa	ccataacaat	tcagaagcac	taaaaatggg	ggccaacaat	taaaaagcat	1020
aatagttata	aaaatgcagg	tgtgtaataa	atztatgaaa	ggtgcggacg	cgtgggcgga	1080
cgcgtggg						1088

<210> 3896  
 <211> 1733  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (276)...(1241)

<223> similar to gi2224579 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3896

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aggagctgga gagctacaca ggagtgggga ggaggaggag ccacgcgttc cagtatatgc      60
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gtgacttgct tagggtcatt ctgtaagcta gtatagcaca gaatgggttt cccttccctg      180
atcctagcag ttgtaggctg caatgctgtt ccgtatcagg aactgccc aa ggttgaaaca      240
gttcagccct gaagggccta gttatggtga aagcagcaac tgactccagg aaaggaatgg      300
cattttgttc tgtaacatag ccatgttggt caaccctaca ggagggtgta aatcactctg      360
accatcaccc tatccttttt ctttcaaacc tgggttgagg aacctacact tttcacctga      420
aagtgaccga tgcaaagggt gagagtgaca cagaccggac cactgtggag gtgaaacctg      480
atcccaggaa aaacaacctg gtggagatca tcttgatat caacgtcagt cagctaactg      540
agaggctgaa ggggatgttc atccgccaga ttggggtcct cctgggggtg ctggattccg      600
acatcattgt gcaaaagatt cagccgtaca cggagcagag caccaaaatg gtattttttg      660
ttcaaaacga gcctccccac cagatcttca aaggccatga ggtggcagcg atgctcaaga      720
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tcacatgtca gctgaactgt tccgacctg gccactgtga ctggttcacc aaacgctgta      840
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actgtgagtg gagcgtgtta tatgttatca ttgctacctt tgtcattgtt gttgccttgg      960
gaatcctgtc ttggactgtg atctgttggt gtaagaggca aaaaggaaaa cccaagagga    1020
aaagcaagta caagatcctg gatgccacgg atcaggaaag cctggagctg aagccaacct    1080
cccagcagg catcaaacag aaaggccttt tgctaagtag cagcctgatg cactccgagt    1140
cagagctgga cagcgacgat gccatcttta catggccaga ccgagagaag ggcaaaactcc    1200
tgcatggtca gaatggctct gtacccaacg ggcagacccc tctgaaggcc aggagcccgc    1260
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ttcgccctga cagtcccaac cagaaccctt gggactgaa tccagagacg tcctccagga    1440
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agatatcctc acctcagggc ctctttttt tgcaaaactc tcccccccc cgagggcaga    1560
cccagccagc tgctaagctc tgcagctccc cagtggacag tgtcattgtg ccagagtgct    1620
tgcaaggtga ggctgctgt ggttgccgc acacctgagt gcaaaaccaa gcactgtggg    1680
catggtgttt ccctctctgg ggtagagtac gccctctcgc tgggcaaaga gga      1733
```

<210> 3897

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(284)

<223> similar to gill177607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3897

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tccaagtagc	tgggattaca	gacatgccac	catgccaggc	taattttttt	aatattttta	180
gtagagatgg	ggtttcacca	ttttggccat	tctagtcttg	aactcctgac	ctcaggtgat	240
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tattaggagc	cttttaggtt	ccaaaacaaa	caaaaggcat	aaaaaagtct	agcttagaac	660
cacttttcac	ttgctttcat	ttttaatttt	attcacttaa	cagctaacat	ctttcttggt	720
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cagtgttaga	aaacaactca	aaagtatat	ctttattaat	gaggtggtca	ttattacatt	1080
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gaataattca	gatgggcaac	caagttttca	agagactgct	gtaggtgaag	tctgtctagc	1200
caaggcagaa	cacttacagg	agtcacctaac	tgtgccaccc	ttggaatggg	ttagtgtaca	1260
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gagaagaatg	ggagttcatg	ccacatagta	ttttaccaat	ttatataaag	tgggaaaagt	1560
ctttaatact	tcatgatcac	ttgaattaaa	gtttttgtat	ctctggaaag	tagaatagtg	1620
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ggcatgttga	cttttcaaag	cggtttctt	atttctaaac	agagatgatg	atcaatgagt	1920
tactaattct	ttagaggaaa	aaatgcataa	tttgagtgtg	gaagtgat		1968

<210> 3898

<211> 5214

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5215)...(352)

<223> similar to gi37231 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3898

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tataacaatt	ctacaagcca	atcagacagt	acgtgacatt	tcaatgagta	aaaaagagca	180
taaaactgta	tgtgtaagaa	caaaatgtta	aaaggcctac	cacaataata	aaaaaccgtc	240
aattacatca	tcacattaaa	ataagccaga	tgtacaaaag	tctgagacag	agaagacaaa	300

aggacaacac	aagatattttg	ttgaaaaatg	tttgtgctct	ttgggcactt	aattaaacat	360
tgcaaaatca	acatcatctt	cttcttcctc	agactctgca	aaatatttta	cttctttcct	420
agcccgaccg	gttcgtggca	gagaagggtg	ctcagtaggg	aagtctgagg	ggaagatgtc	480
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cctcgggcct	ttaccttttg	gtgttgtagt	cttctttgga	atgccaaatt	ctgaatccga	660
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tgtatctgaa	gacggttttc	ccttttttag	agctaccgtt	ttacttggaa	ctttatctgt	780
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<210> 3899

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1823)...(602)

<223> similar to gi487783 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3899

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gcagctgagt	ctgggtcttt	tatgggtctca	gaatagggga	atacacgttg	actgatttgt	180
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acatgaggct	tccccctgc	gtgtgctctc	tgggtgtttaa	tgagagttaa	cttagcacia	900
aagccttgcc	cacactccct	gcacacaaag	gcacctgagt	gtgccctctt	gtgcctaaac	960
aggttaggct	tctgccgaaa	ccttctgcca	cactccctgc	acataaaaagg	cttttcccct	1020
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gcacatacaa	atggcttctc	ccctgagtgt	gtcctctggg	gcgtgctcag	ggttgatttc	1140
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cgcccacatt	ctgtgcatac	ataaggcttc	tctcctgtgt	gtgtccttaa	gtgtctgatg	1380
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gaatgtgtcc	tcttgtgtct	gaccagggtg	gaatgctggc	gaaagccacg	cccacattcc	1500
ctgcaaacat	aaggcttctc	cccagtggtg	gccctctggg	gggtaatgag	gtttgacttc	1560
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tgatgtgtaa	agagggttga	cttccaagta	aagcctcgtc	cacaatcctt	gcacacataa	1680
ggtttctccc	ctgagtgtgt	cctctgatgt	gtgatcagg	ttgacttcca	cgtaaagcct	1740
cgccacatt	ccctgcacac	ataaggcttt	ccccagagt	gtgtccttgg	gtttttgatg	1800
aggactgaca	tactgccaaa	g				1821

<210> 3900

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (80)...(1636)

<223> similar to gi56312 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3900

tttcgtgagt	gagagagcga	gtgagtgagt	gagtgagtgt	gtgtgtgggg	gggactcggc	60
ttgttgttgt	cgggtgacttc	cccctcccct	tcaccctctc	ccctccccgc	cgcgcgtgca	120
gtggccgctc	cctgggcccgt	aggaaatgag	cgataacgat	gacatcgagg	tggagagcga	180
cgttgacaaa	cgggctcatc	ataatgcaat	ggaacgaaaa	cgtagggacc	acatcaaaga	240
cagctttcac	agtttgccgg	actcagtcct	atcactccaa	ggagagaagg	tccagtccag	300
gtgcagcagc	aaggagaaca	ttctcagagc	cagtcacagt	gctgtcgata	tcaccaaggt	360
ggctagaaga	catcgcatgt	ctccttttcc	tctgacatct	atggacaaag	cctttatcac	420
agtccctggg	atgactccgg	tgcttgggac	agaaatcatc	aattaccgag	atggaatggg	480
gcgagtcctt	gctcaagatg	tatatgcaaa	agacaattta	cccccttcc	cagcatcagt	540
aaaagatggc	tatgctgtcc	gagctgctga	tggcccagga	gatcgtttca	tcattgggga	600
atcccaagct	ggtgaacagc	caactcagac	agtaatgcc	ggacaagtca	tgccgggttac	660
aacaggtgct	ccaataccct	gcggtgctga	tgcagtagta	caagtggaa	ataccgaact	720
tatcaggga	tcagatgatg	gcaatgaaga	acttgaagt	cgaattctgg	tgcaagctcg	780
gccaggccaa	gatatcagac	ccatcggcca	tgacattaaa	agaggggaat	gtgttttggc	840
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ggttgaagtt	aataagtttc	cagtgggttc	agtcagtgtc	acaggggaat	agctgctaaa	960
tcttgaagat	gacctcttac	caggaagat	tcgagacagc	aatcgttcaa	ctcttctagc	1020
aacaattcag	gaacatgggt	acccacagat	caacttgggt	attgtaggag	acaaccaga	1080



tgacttactc	aatgccttga	atgaggggtat	cagtcgtgct	gatgtcatca	tcacatcagg	1140
gggtgtatcc	atgggggaaa	aggactatct	caagcagggtg	ctggacattg	atcttcatgc	1200
tcagatccat	tttggcaggg	tttttatgaa	accaggccttg	ccaacaacat	ttgcaacttt	1260
ggatattgat	ggtgtaagaa	aaataatctt	tgcactacct	gggaatcctg	tatcggctgt	1320
ggtcacctgc	aatctctttg	ttgtgcctgc	actgaggaaa	atgcagggca	tcttgatcc	1380
tcggccaacc	atcatcaaag	caagggtatc	atgtgatgta	aaacttgatc	ctcgtccaga	1440
ataccatcgg	tgtatactaa	cttggcatca	ccaagaacca	ctaccttggg	cacagagtac	1500
aggtaatcaa	atgagcagcc	gtctgatgag	catgcgagc	gccaatggat	tgttgatgct	1560
acctccaaag	acagaacagt	acgtggagct	ccacaaaggc	gaggtgggtg	atgtcatggt	1620
cattggacgg	ctatgatggt	caccagcagg	agaaagcttt	gatgcatgtc	cacatatcat	1680
tgactgtatc	ctgtaatatg	caacggcaca	gctagttttc	ccgatttga	taaaagttga	1740
tctgtatagt	caacatcttg	aactatatct	caaatagaatt	taaatatctt	ttaaagaaaa	1800
aaacacctaa	aaataaatct	taacagaaaa	ttctgttctg	attatatcaa	ggcaaatttt	1860
tcctttcttg	caaattgctt	tgtgtgttca	atgctaggtc	tgatagcgat	agcttttagt	1920
agacagcggg	agggtgcctg	agaacttggt	tttttctcat	ctttaaaata	caactactta	1980
tgtctttaa	tcaaggctgt	ctgcttattt	atactagcgt	aggcaacact	tggatttccc	2040
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tcgtgtttat	gtgcacagtg	ccaaaagaag	actgactggg	tggaggtctt	gccttgcttc	2160
aagaaccatc	cctgcagag	catccaggga	ggtttctcgc	cccaatagcc	tcacggcaca	2220
gtactcttgg	gcagtaactg	gacacctttt	atttgaagaa	acaaactgaa	gaaaaaatgc	2280
ttccttaagt	gctgacagcc	tttttaacca	atacatttaa	aattgtacag	aacaaaaaaa	2340
taaaatcaaa	gactgatctt	gtacagatat	tagtgttacc	agcattcatg	tggaaatcaa	2400
gagcaaagac	aaaataatgt	taaacaattc	tgtaccataa	cattttctgt	aatgatactg	2460
aaacttaatg	aataaaaaaa	ttccttgatc	attattttaa	aaaaaaa		2507

<210> 3901

<211> 1171

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1164)...(251)

<223> similar to gi4455015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3901

tttttttttt	ttcagggtaa	aaagcccaac	cattacttta	ctttaataga	ggacagctta	60
ctggtgttaa	atacatttat	tgtaaacttt	agacacaaaa	ataggttctc	taggccattc	120
acatgcacat	taaaaccaac	agggtgcaaac	tacaacaatg	catataatta	tacaaatgat	180
gccactctgt	gatgtttaca	ggattgctgt	ccatgcaagg	tgatcatagc	cattatttat	240
gaagccttaa	gatccagaag	tgttggtact	accaaaccct	tgattaacac	tgtgaagtaa	300
gtgttttggg	aggcagttcc	atgagttggc	taacatttct	ttaaagcaaa	tgactgcttc	360
taagcttagc	cgtacaagag	atgttggttg	aactgaaaa	attagtattt	cattactgtg	420
tgcagctctg	tgatggacaa	gcaagttggt	ggcacatcca	ccaaaaacaa	ttacttctcc	480
ttcatcgctg	gcacaagctg	tgtgccataa	ccttggtttt	tcggtatatg	gatgattaaa	540
ttgtatccat	tcattttttac	tgatgcagta	agtccaggca	tcacttagtg	gctgtttatc	600
agtggtaaat	cctccaaaga	gaaaaagatg	atctgaagaa	actgggtgta	gtgagtgcc	660
agatcgacca	actgggcata	tgccttgtgg	aattaattca	ttccactccc	atgtatccag	720
attaagatag	tgaagatcat	tcattctagc	atcctaaaaa	aggataatta	agttatcatt	780

ttgaagaatt	caaaagcaag	tcattgaagt	cgtttgaata	cttactcgat	atctgcctcc	840
aaacacgaag	cctctatttc	cgacagttgc	acaggcatgg	gcagcacgag	gtgaagggtgc	900
tttaccagta	gttataggct	ggctccaggt	aaatgtttca	gtatctaaaa	tatgtacatg	960
atcattccat	cctcttggat	gacttgaatt	ccaaaaagat	gtttcatcga	attcaaaagt	1020
tcccaatact	ttatcttcag	gcaaatatcc	ataccctcca	aaaaatatta	acttgttttt	1080
atatacccag	acaccaagtt	tgtcctttga	tgatggagga	attccttggc	aatcaattct	1140
ttcccactgt	aacactctgt	ctgctcgtgc	c			1171

```

<210> 3902
<211> 1287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (519)...(688)
<223> similar to gi4589526 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3902						
gcggccgccc	ccaccctgca	gctcaccgtg	ctgcaccgcg	cgtgctcgg	cctcgacaag	60
ttcctgggcc	gcgcccagg	ggacctgcgg	gatctgcacc	gcgaccagg	ccgcaggaag	120
acgcagtgg	ataagttgaa	aaccctctca	cggctcccagg	gagggagaag	gaaggcatgc	180
tgatgggggt	taagccgggg	gaggacgcat	cggggcctgc	tgaagacctt	gtgagaagat	240
ctgagaaaaga	tactgcagct	gttgtctcca	gacagggcag	ctccctgaac	ctctttgaag	300
atgtgcagat	cacagaacca	gaagctgagc	cagagtccaa	gtctgaaccg	agacctccaa	360
tttcctctcc	gagggtccc	cagaccagag	ctgtcaagcc	ccgacttcat	cctgtgaagc	420
caatgaatgc	aatggccacc	aagggttgcta	actgcagctt	gggaactgcc	accatcatca	480
gtgagaactt	gaacaatgag	gtcatgatga	agaaatacag	cccctcggac	cctgcatttg	540
catatgcgca	gctgaccac	gatgagctga	ttcagctgg	cctcaaacag	aaggaaacga	600
taagcaagaa	ggagttccag	gtccgcgagc	tggaagacta	cattgacaac	ctgcttgtca	660
gggtcatgga	agaaaccccc	aatatcctcc	gcatcccgac	tcagggttggc	aaaaaagcag	720
gaaagatgta	aatcagcaga	aaaaaaacac	cgagacgttt	ctgtgacttc	actttcacct	780
gctccagggg	tcaaggactt	gccttgcctg	ataaccagcc	agcaggctcc	gaatcaccat	840
ctccctcaca	tgttatccgg	caagagtga	ttctaccaat	ggaagccagg	ttaatgatta	900
caattaatct	tttactgtac	attcccaagg	ctttagtttt	aaatgccact	gtgccttta	960
caaggttgta	aatatTTTTat	gccaccaga	gatgtgggtca	taagatctga	tcctgagcca	1020
gagattcaga	tggcacagga	agtattcatg	tattttaaca	ctggggtttt	ctttctttca	1080
tactgagatt	ttttttcagt	atgtatcctc	cagctcttaa	agcttacctg	agaaagcttt	1140
aaatgagaaa	aggaccatgc	gattgggtgc	gtgttacata	cacatacttt	cttggcttct	1200
gagtagctca	ggtgtggctt	ttggctgcag	atgttaaatt	ttgataccat	gtaaacctac	1260
ccagcttctc	agacttgggt	cttggtt				1287

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<210> 3903
<211> 2055
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2056)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2055)...(1179)

<223> similar to gi733602 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3903

ttttttttgt	ttttttttgtg	ggagggaaga	catttacttt	aggtataaag	gtttactatt	60
attaacaagt	tatcactatt	atttacatgt	ttataaaatg	gaaataaaaa	cgggcataca	120
cgtttggtgc	caaaagtggg	cacatccaaa	ctaatatcag	tataaaaata	aattttcaag	180
ctatgtgttt	ttaaaataaa	ggtcattgaa	acagtaaggg	ggaaaaaatc	tgcattctggc	240
atgtgttgaa	atgcaatcat	catcacagca	aagcagccct	ggggcaacaa	aaccagtgcc	300
tgctggaaga	actgtcccca	cgcgctcttg	caagaaccca	agcaaacaaa	caaaaaaaca	360
aatacaccag	tgatgttcct	gagctacaga	agtttagggc	atccaaactg	ttgtgaattc	420
ctgctaaaga	ggaggccctg	tgggatctga	gctgatgaac	tctcctgagt	gctcagctag	480
cgtggcacca	ggacctggca	ctacactctg	agaggacgct	aagcctacct	gtgaaacaca	540
aatcctctgc	taacacaaaa	cagcgcacga	gtcctctctg	tcaatcacca	atcccttgca	600
agtctcctgg	ctgcagataa	acagggacaa	gggctgagga	cagacagaag	ccactggggt	660
tgggagaccc	tgtgcccatc	agacatgccc	tttggtggtt	tcggcagaga	tccccaatgt	720
ttcgttcatt	cgtagagaca	tgcttggtca	cacctggcag	cagacctcat	tggttaaacac	780
agctgtggcc	ccagcagggg	aagcaaagcc	agcccagcaa	accctctgtc	caccccacat	840
ggtgttttgg	ccttcagtgg	ctaactttcc	tccttggttc	ccatagagct	gggccaggac	900
tgcatgcctg	ctggaagtgg	catgctgggt	tagtgagcgt	gctgagtgag	ccaactccca	960
ctctgcccg	tcgagcacag	aaggatgcct	gcccattgcac	aaagtcctcc	aggatcccag	1020
caaggatgca	aatgctgtgg	gcagcgggaa	gaaaggacta	atgaacaggc	cgcagcccac	1080
ttcagagcaa	ccaaacattc	cacaggagct	ggtgccagct	caccccacct	gggaccaggg	1140
gcagcagcat	ggaggagagg	acgccagcag	tccctgcagc	tgtagctgtg	ggctcctctc	1200
acgggtcctg	gaccttggcc	cttttggctt	tcagagacag	gtgctgttcc	tgttgataaa	1260
agtgtggagc	cagctccaac	agccaggccg	attcaatggc	agtcacatct	ctcatgtagt	1320
acttggagggt	ctgtataact	tcgttataga	tgacccagcg	aggcggcttc	tctgcataga	1380
ggactgacgc	aggggtgtatg	tgacagctcat	ggtcatcacg	gatggtccta	taagctccag	1440
tagaatgaaa	cctcgctgca	ttggcgaaga	agccggagac	aatgcacctc	agaaccagat	1500
ccgggtcacc	ttcactagac	ttcctgggca	cttgaaaactt	gacaagaagc	tttttcaatt	1560
gttctcttac	agtcgcagct	ctgacaagac	ccttgtaatt	caggaaatgt	tcctgacacc	1620
atttagagtc	cttattgtgt	ttgataaatg	cttcatatat	attgagcata	gtgaggtggt	1680
cgccctcctc	cacagcaaat	ttacgggtgca	ctcgaattgc	gtgagacttc	tggtttgggg	1740
ggaccacaaa	gatattcttg	atctgcatca	tggcagcgat	gcttagaatt	tcctgagaac	1800
agccgaagtt	tcctgattca	agcagcattt	tggcaaacat	gggattcaaa	ggaaactctg	1860
ctattctcat	gccaagcggt	tcagttaggc	gacagtcttt	gtccagacct	cccagagcat	1920
acagtcactc	caaggcttga	accatagaat	gtgctggaaa	aggcgacatg	aagtggaaact	1980
tganccgacg	cgtggcgcnac	gcgtagtctt	ccggtntntc	nagcctgggt	aggcccccca	2040
gnntntntcc	cgcac					2055

0040873E 01100

```

<210> 3904
<211> 3211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(3213)
<223> similar to gi3168991 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3904
agtccgctta ccagctggag gaggtgccca ggatgccaga ggccttttct ggggtcttaga      60
tgaggaagtc catgtagagg gctccagtga cagtgtggtg ctcgagcgtc tgtgtgctgc      120
tttcgagaag aaaggagctg ggactgaagg gtcctctgcc ctgcggacct gtgagcagcc      180
cctccagtgt gagattttcc accagttggg atgggaccct gtgcggtacg acctcacggg      240
ctggctccac agagccaagc ccaacctctc ggccctggat gcaccccagg tcctgcacca      300
gtcaaaaaga gaggagctgc ggagtctatt ccaggcccgg gccaaagctgc ctctgtgtg      360
ccgggctgtg gcaggcctgg agggcacctc ccagcaggcc ctgcagagga gccgcatggt      420
gaggaggacc tttgccagca gccttgccgc ggtgaggagg aaagccccgt gctcccagat      480
caagctgcag atggatgctg tgaccagcat gatcaaaagg tcccggtctg actttatcca      540
ctgcctggta ccaaaccctg tgggtggaaag caggagtggg caggaatctc caccaccacc      600
gcagcctggt agagacaagc ctggggcagg tggacctctg gccctggata tcccagcact      660
gagggtccag ctgtctgggt tccacatcct ggaggctctg cgtctgcata ggacaggcta      720
tgctgaccac atggggctca ctgcgttccg ccggcaattc cagggtgctgg acgctccact      780
cctgaagaag ctcatgtcga cctccgaggg aatagatgaa aggaaggccg tggaggagct      840
cctggagacc ctggatctgg aaaagaaggc ggtggctgtg gggcacagcc aagtttttct      900
caaggcaggt gtgatctcca ggcttgagaa gcagcgagag aagctggtat ctcagagcat      960
cgttctcttc caggcggtct gcaagggtct tctgtctcgc caggaattca agaagctgaa     1020
gattcgccga ctggctgcac agtgcattca gaagaatgtg gctgtgttcc tcgcagtcaa     1080
ggactggcca tgggtggcagc tgcttggttc cctccagcct ctacttagtg ccaccattgg     1140
aactgagcag ctccgagcca aggaggagga gcttacaacg ctaagacgga agctagaaaa     1200
atcagagaag ttgcggaatg aactccggca gaacacagat ctgctagaaa gcaagattgc     1260
tgacttgacc tctgaccttg ccgatgagcg cttcaaaggt gatgtggcct gccagggtgct     1320
ggagagttag cgggcagagc ggctacaggc cttccgggag gtccaggagc tcaagagcaa     1380
gcatgaacaa gtccagaaaa aactgggaga tgtgaataaa cagttggaag aagcccagca     1440
gaaaattcag ttgaatgact tggaaaggaa tcccactgga ggagcagacg agtggcagat     1500
gcgcttcgac tgtgctcaga tggagaacga gttcctcaga aagcgtctgc agcaatgcga     1560
ggagaggctg gactcggagc tgacagccag gaaagagctg gagcaaaagc ttggggagtt     1620
gcaaagtgtc tatgacgggg ccaagaagat ggctcaccaa ctgaagagga agtgccacca     1680
tcttacctgt gaccttgagg atacctgcgt cctgctagag aaccaacaaa gtcgaaacca     1740
tgagctggag aagaagcaga agaagtttga cctgcagctg gcccaggccc taggtgagtc     1800
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gcaggtggag atgctacagg accataaacg ggagctgctg gggtcaccct ctctggggga     1980
aaattgcgtt gctggcttga aggagaggct ctggaagttg gaatccagcg cccttgagca     2040
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ggaggaactg gaggatgtcc gtcagtctct ccagaagcgg cttcatcagc tggaaatgca     2220
gctggagcaa gagtatgaag agaagcagat ggtcctccat gagaagcaag atttggaagg     2280
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tcggagagac ctcaggagga cacatgcact gttgtcagac gtgcagctcc ttctgggcac     2400
catggaggat ggcaagacat cagtcagcaa ggaggagctg gagaaagtgc acagccagct     2460
ggagcagagt gaagccaagt gtgaggaggc cttgaagacg cagaaggtgc tcacagcgga     2520

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09488735.012100

```

cctggagagc atgcacagcg agctggagaa catgacgcgg aacaagagcc tggtagatga 2580
gcagctgtac aggctgcagt ttgagaaggc ggacctcctg aagcgcatcg atgaggacca 2640
ggatgacctg aatgagctga tgcagaagca caaggacctc attgctcagt ctgctgctga 2700
cattggggcag atccaagaac tgcagctgca gctggaggaa gccaagaagg agaagcacia 2760
gctacaagaa cagggaacaac agatgtccaa tagacttctc tcatacttac agctgcaggt 2820
ggctcagatg cgcacgcagt acctggaaca gtccaccgtg gatcgagcca tcgtcagcag 2880
gcaggaggcg gtcacatctg acctagagaa caagacagag ttccagaagg tgcagattaa 2940
gagatttgag gtaccaatct ctctgcagcc agctggcttc accacagtcg tggatgatccg 3000
gcttcgggac agcctgatca agatggggga ggagctttca caggcggcca cctccgagtc 3060
ccagcagcgg gagagcagcc agtactacca gcggcgctg gaagagctga aggccgacat 3120
ggaagagctg gtgcagcggg aggcagaggc cagccggcgg tgcattggagc tgtcttggtc 3180
cgccctgcag gagatccttc aagaaggagc a 3211

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```

<210> 3905
<211> 2531
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(1824)
<223> similar to gi3393022 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3905
aaaacattct tggccaaaat ctaggggaag ttactgccac ttcgtactat ataaggaaaa 60
caaagacacc atggatgcta ttaatgtact ctccaaatac ttaagagtca agccaaatat 120
attctcctac atgggaacca aagataaaag ggctataaca gttcaagaaa ttgctgttct 180
caaaataact gcacaaagac ttgccacct gaataagtgc ttgatgaact ttaagctagg 240
gaatttcagc tatcaaaaaa acccactgaa attgggagag cttcaaggaa accacttcac 300
tgtttgttctc agaaatataa caggaaactga tgaccaagta cagcaagcta tgaactctct 360
caaggagatt ggatttatta actactatgg aatgcaaaga tttggaacca cagctgtccc 420
tacgtatcag gttggaagag ctatactaca aaattcctgg acagaagtca tggatttaat 480
attgaaaccc cgctctggag ctgaaaaggg ctacttggtt aaatgcagag aagaatgggc 540
aaagacccaa gacccaactg ctgccctcag aaaactacct gtcaaaagggt gtgtggaagg 600
gcagctgctt cgaggacttt caaaatatgg aatgaagaat atagtctctg catttgcat 660
aataccaga aataatcgct taatgtatat tcatagctac caaagctatg tgtggaataa 720
catggttaagc aagaggatag aagactatgg actaaaacct gttccagggg acctcgttct 780
caaaggagcc acagccacct atattgagga agatgatgtt aataattact ctatccatga 840
tgttgtaatg cccttgctg gtttcgatgt tatctaccca aagcataaaa ttcaagaagc 900
ctacagggaa atgctcacag ctgacaatct tgatattgac aacatgagac acaaaattcg 960
agattattcc ttgtcagggg cctaccgaaa gatcattatt cgtcctcaga atgttagctg 1020
ggaagtgcgtt gcatatgatg atcccaaaat tccacttttc aacacagatg tggacaacct 1080
agaagggaag acaccaccag tttttgcttc tgaaggcaaa tacagggctc tgaaaatgga 1140
tttttctcta ccccttcta cttacgccac catggccatt cgagaagtgc taaaaatgga 1200
taccagtatc aagaaccaga cgcagctgaa tacaacctgg cttcgctgag cagtaccttg 1260
tccacagatt agaaaacgta cacaagtgtt tgcttcctgg ctccctgtgc atttttgtct 1320
tagttcagac tcatatatgg atttcaaate tttgtaataa aaattatttg tatttttaag 1380
tttttattag cttaaagaaa taatttgcaa tttttgtaca tgtacacaaa tcctgaggtt 1440
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aaaatgtcag	ctttacaata	ataaaaaaag	gacttttggtt	taaagtagca	ggtttagggtt	1560
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atgcatttta	agagcaaatg	caacaaaaca	aatctggact	atggataaat	aatttgagag	1680
ctgccaccca	caaatataaa	tacagtactc	atgctgactg	aaataataag	acatctacaa	1740
atttataaac	aaaaagtgat	tgctattatc	ctgcttatgt	actagattca	ggcaagcatt	1800
atagactttt	tggttgcggt	ggctttttgca	tttatattat	caatgccttg	caggaacggt	1860
gcattgatag	gcccatttta	ttttttttatt	tttttttttcg	agacaggatc	tcactctgta	1920
gcacaggctg	gattgcagtg	caatcctgca	attctcaatc	ttgcaactga	gcctcgacct	1980
cccaggctcc	agtgactctc	ccacctcagc	ctcctaagta	gctgggagta	caggcgcgca	2040
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tttctaaagt	tgtatatcaa	aattgtatca	atttttatgt	tctatgattt	ctacgcaaca	2460
aatgtaataa	atatttttaa	aatctccttt	ctactgggta	tgtaaataaa	tcaaataaat	2520
atatcaaaat	g					2531

<210> 3906  
 <211> 2778  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(927)  
 <223> similar to gi4176376 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3906	
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ggtcatataa	gccagaaga ctatttcagt ctgttaaact tcattgccct aaatgtcatt 180
tgctgcaaga	agttccacat gagggcgatt tggatataat ttttcaggat ggtgcaacta 240
aaaccccaga	tgtcaagcta caaaatacat cattatatga ttcaaaaatc tggaccacta 300
aaaatcaaaa	aggacgaaaa gtagcagttc attttgtgaa aaataatggt attctcccgc 360
tttcaaatga	atgtctactt ttgatagaag gaggtacact cagtgaatatt tgcaaaactct 420
cgaacaagtt	taatagtgtg attcctgtga gatctggcca cgaagacctg gaacttttgg 480
acctttcagc	accatttctt atacaaggaa cagtacatca ctatggatgt aaacagtggg 540
ctacttagag	atccatacaa aatctaaatt ccctgggtga taaaacatcg tggattcctt 600
cttctgtggc	agaagcactg ggtattgtac ccctccaata tgtgtttgtt atgaccttta 660
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agattccagc	atcagaagtt ctgatggatg atgaccttca gaaaagtgtg gatatgatca 780
tggatatgtt	ttgtcctcca ggaataaaaa ttgatgcata tccgtgggtg gaatgcttca 840
tcaagtcata	caatgtcaca aatggaacag ataatacaat ttgctatcag atttttgaca 900
ccacagttgc	agaagatgta atctaataat gccatccaat ttagcataca taaaatgttg 960
ccactcacct	tccctgtttg agcttctttt cctgacctga gttttgtatc agcaatgttg 1020
atgatgttag	catgggtatg ggattagaaa atgtccttac cttaaattctc ttggccttta 1080
ctcgggtgca	aggtaaataa ttggctatgg attttgtttt gcctttcctg ttttgctttt 1140

gtacaaagag	acctgcctta	aacaagtact	gcctgagata	agtgtctgat	caagcctaca	1200
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ggataaattc	atttctttta	acttgtaata	catgggttta	attgcttggt	tctctccagg	1320
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atgacttaat	attatccttt	tctaatagtc	tcatgtaaaa	tatgccgcta	ttacaactta	1440
caactaattg	aatgagatgt	taacttagta	aaatagtttg	atTTTTacct	gacagtgttt	1500
gtcaaattta	aaaacatgaa	tattcaattt	tatacaaaaca	tttatatata	tatatataga	1560
tttgtgtatg	ttatttgcca	aagacagata	taaattacct	ggtttaatat	tagtgaagaa	1620
taaataagtg	cacacatttc	aactgtttca	tttatttgcc	ctaagttgag	ctgaaaaatg	1680
atatgaggca	aagaatcgaa	ataggtgtgg	caatgcagca	gatgtttagg	gctgtctaca	1740
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aaataacatt	ggaaatagat	tataagagga	gtcagtgtgt	ttttctatag	tttcaaaata	2040
cttttaacat	cttattgtca	aaaagattgg	ataactgact	ttctttgctc	ataataactc	2100
taaattctag	ttcctgagta	cattaacaca	tcttctttac	ctaactacca	atgtcccca	2160
tcatcgactt	atcagcttgt	ttgagacaat	gagaaagact	gattttatatt	tcaagaatat	2220
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gccatgtctc	ttcttatattt	tgTTTTaaat	aaacatccac	cttatcatga	tttcttttggt	2520
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ttccatcaac	atctagtgtt	tctctagaga	tgatgtatgc	actttatgct	aatcaggaac	2640
ccagagagga	gaattttatt	tctggagcaa	caactaaatg	gtagttcatt	gtgccccaat	2700
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caaatttaag	aaagaagg					2778

<210> 3907

<211> 1671

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1586)...(536)

<223> similar to gi5281316 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3907

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catgggagag	gctccccacg	ctatctccac	caccacagtc	atgagagcca	agcgagactg	180
gcctgtggcc	tggggctcca	cagctgcccc	gctccacctc	cggcatttac	tggtctcatc	240
ctgagaggca	ttgggtgccc	actcaactggc	tggatgctgg	gctggttcat	gggtggcaga	300
gccaggggat	accctttggg	gatgtcccta	acccctcagg	accagaggca	gcaccaagca	360
gcatgtcaca	gccagtgtca	gggtcagctg	caccctttgc	tgggactcta	gctctcctca	420
gagggcctcc	tagggccatt	ccgggcactg	tgggtggcaa	tggggagccc	cggctccctc	480
attaggccag	acaccagtct	ggccgggtca	gggaggccca	gccttggggc	ctgtcacacg	540

tagtccagaa	tctctgtctc	catttcgttt	tactgcccgt	cggatggctt	gaagtcctcc	600
tcctcctctt	cctcctcctc	ctcatcctcc	tcgtcttccc	cagactcgta	cgtcagctgc	660
tcttttccgc	catcagcctt	ggctgagctg	gaaaagagag	caggcctctt	ggagcggatg	720
gtctgccgga	tcatgaggga	catggtgtcc	ctgagctcgt	cgctggctctt	ggggaggcac	780
cacccatccc	gttctgtgca	ggaattctct	gccccgtcat	tgcggtgaat	gatcttctgc	840
aactcttcca	cattcaagtc	gcataactgg	tagaacatct	gccgataggg	tggcaaggcc	900
ccttcccgga	agatgtagac	agagtcacctc	agtgtctgaa	ggctgacctt	gagcttgtac	960
ttgctggaag	ctggtttccg	agcaccactc	gtccccgacg	ggcccaggcc	ctgcttcagg	1020
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tccccgggct	cagcaagacg	cgagggcctc	cagggagcaa	atggcccatg	ggagggccca	1620
tgtcttcggg	aaaacgacca	ccgtgtcctc	gactttttat	ttaaaattaa	g	1671

<210> 3908

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (890)...(294)

<223> similar to gi4456991 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3908

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atgccctgag	ccctgggttc	tctccaagcc	acaaggggtt	tcataccctg	ggttttagatt	180
gtactgcggc	agggcagcct	tccacccttt	ggcacagagt	ttggtgttcc	aaaggtcatg	240
aggggtttta	gaccctggac	ccaggacatg	ttccaagact	cttttacatt	atgtcagaaa	300
aacgagccct	gcctcagctc	ttctgccaac	atgtctccct	tttttgtcct	gcaaaaccgc	360
cacagctatc	attgcttggt	cttggcagcg	gctttctctc	cagaagcggc	ttccgcatct	420
gtagattaaa	aggagacagc	acaagcacat	aattattaga	acaaaattta	caagtgtaga	480
gtttccagtg	gtcttaatcc	atttaagaga	attgattgca	gacaacccat	tggctgcctc	540
gctgaaaata	tcagttccag	ggagcagggt	taagttagcc	tgagaggctt	caaaaacctg	600
ctcttttact	tttacaatat	caagggtgag	attttcctct	ctgccacta	gatggcattt	660
aatttcccat	tgggtgttctg	tttcattcta	actatgagga	gtaacgcaaa	aatcggatgt	720
attccagtca	cattgcattt	gaattctagt	ttctaaactt	atgatgcaat	cccccatcca	780
aattactgtc	tgagggagat	cattaatttg	actaactata	ttttgatctg	tttgggcctg	840
agagctccat	aatttcatag	aattcttttt	ccatttatca	acaaatttga		890



<210> 3909  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (12)...(205)  
 <223> similar to gi2661037 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3909

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gactctttaa	accttttgtg	gaaagctatc	aggcaaagtg	aagaaggaga	gagagtgtgact	120
aatacgcgac	gtgatttcac	ctcaccagtg	agaccttgct	ccccgcattc	aggaggaagc	180
ttggttcatt	acagacccaa	gaggacaaca	gcttagtgat	gccatgggtca	cagtattcac	240
aggaccacag	ttacacccac	gcacatctct	tcatactgtg	tctcatgtct	taacgaggcc	300
ttcatgtcag	tcaatatgta	acctcgaggt	ttgatataata	tcaggcactc	agtaaaggca	360
agacttgagt	gatacataaa	gtcagttaca	gattaccaga	tgn		403

<210> 3910  
 <211> 3202  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2146)...(3113)  
 <223> similar to gi3882179 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3910

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cattttggag	aactgatttt	gattcttaaa	atgtgtcttt	ttgcaacata	tgctctgggt	180
acctataaat	acattttattt	tgcccttga	aaacattcac	atcctattct	ttgttagcct	240
tattttttcca	gtccttggtta	actctctcag	tgctggataa	taaacctgca	tttcttttaa	300
aacatttggt	cagtttcggc	atcagtgtct	tccccagca	ctcccttaat	ctaaattagt	360
aacattttac	tgtatgaaaa	atagttgctg	ttaactaaaa	attcaatagg	tgagtttagac	420
atggcttttc	aagtaggatt	ttcagtggtc	tcagattcca	tcatacacia	gtgtatgttt	480

tttctgtgta	agttttttcc	gtgtaagttt	tttccgtgct	caaccgtaag	tgctcaacca	540
tcttctcccc	acttttagtct	gctatgtcaa	aaaactgcat	caagcttttg	tgtgaagatc	600
ctgttttcgc	agaatatatt	aaatgtatcc	taatggatga	aagaactttt	ttaaacaaca	660
acattgtcta	cacgttcatg	acacatttcc	ttctaaagg	acgtagtact	ttggaaactc	720
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tccaaccgag	ttgaaaatttc	caaagcaagt	gcttctttta	atggggtaag	aactatgcag	960
aggcggcggc	acacactttt	aaactgtcct	tcagttaact	gtgtggcctt	catatgattt	1020
tactctcgta	actttaactt	actgattcaa	actcttaagc	catgtgcgac	aaaaaaacaa	1080
gttttaaata	cacgtttact	atgccttgta	tgtacacagc	acactctatc	accttggaag	1140
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ctctagttag	gtatatTTTT	ggaacaata	cttgtgatgt	ttctattact	gcctatggct	1260
cctatgtaac	tgaaacaatt	aatgatctac	tgattttaaaa	aaggcagtta	aatctagagc	1320
attagttgcc	ttgtgcagac	tcccatgaca	gccatgtcct	agaataatgg	aacactctgg	1380
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ctgtagtccc	agctacttgg	gaggctgagg	gagggggaatc	gcttgaacc	gggtgggtgga	1860
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tctcaaaaaa	aacaaaaaca	aaacaaaaaa	aaaaacaact	aatgaaatgc	tgtagtatct	1980
taacactggc	tttctggttt	tatcattcta	agaatcccag	agaaaccagg	gtattcttag	2040
gaaagaatgg	attcctggga	aaataaacat	ctgcaattaa	ctgtaaaaa	ctgcatcaaa	2100
gtgttggtct	tagaatttga	aatgttccta	tctgggtttt	tgtaggacct	gagggcactc	2160
gctttgctcc	tgtcagtaca	cactcccaaa	cagttaaacc	cagctctaata	tccaactctg	2220
caagagcttt	taagcaaatg	caggacttgt	ctgcaacaga	gaaactcact	ccaagagcaa	2280
gaagccaaaag	aaagaaaaac	taaagcgtta	gctttatgga	ctactatcat	tacctttagg	2340
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agtgcacatga	aaacagaaac	caggagagtc	ctgaccccaa	cgagcacttc	tgacaatgag	2640
accagagact	cctcaattat	tgatccagga	actgagcaag	atcttccttc	ccctgaaaat	2700
agttctgtta	aagaataccg	aatggaagtt	ccatcttcgt	tttcagaaga	catgtcaa	2760
atcaggtcac	agcatgcaga	agaacagtc	aacaatggta	gatagacga	ttgtaaagaa	2820
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acaatccatg	tcgtcacaag	gatattctggc	aaaggaaacc	aagctgcttc	ttgacattag	3120
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tgcttatttg	tttttgtgct	tc				3202

<210> 3911  
 <211> 833  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (810)...(499)  
 <223> similar to gi5734705 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3911

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cctcccacac	tgcacctgcc	ctcacgaccg	accccatcct	cacccccatc	aacatctctg	180
cctccctcct	tggctcctagg	gtttttttta	aaaattcaat	caggaaaacg	gagggcatac	240
ccagaacact	tctgggtgca	gaatggggag	agaaaggctc	agccatccgt	ccatgcccct	300
gtgaattcag	ccagcgctta	gacagcaccc	acgcatccca	ggtactgggc	atggggagtt	360
caaccgtgaa	caaaaacccat	gcccccagga	gcttccgctt	tggagcagga	ggcagacacg	420
gacctagaaa	gtcatggttt	gaggcgatgt	atgctaaaat	ggagggagca	cagacagtga	480
gaggaacact	agaaactccc	aggggatggg	gccgggcatc	agggaagact	cgatatctgc	540
agtggggcct	taaggttgag	caggagttct	gaccacacgc	agaggaagaa	atcccatcga	600
caggaacggt	tgaagggaaac	cgcaggacag	agcttaggag	actagactgt	ggagggagga	660
ttctcaggta	gatatgaggc	aggcaccggg	ctgagaggct	gccaccttgt	ctaggggctt	720
ggggaggagg	caggtgagct	gggaggggca	gctctggggg	cttgtgagga	tggactggag	780
gtgggaggct	ggaagttagg	aggctgaggt	gacaggtgga	agcgtgagct	ggg	833

<210> 3912

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(819)

<223> similar to gill199604 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3912

taaccacagg	aaagttctct	ctggagcaaa	gcgttatgaa	tgcaatgaat	gtgggaagtc	60
ctttgcttat	acatctagtc	tcattaaaca	caggaggatt	cacactggag	agaggcctta	120
tgagtgcagt	gaatgtggga	gaccccttgc	tgaaaactcc	agtcttatta	aacacttgag	180
agttcacaca	ggagaaaggc	cttatgaatg	cgttgagtgt	ggaaaatcat	ttcgccgaag	240
ctcttcactc	ttgcagcatc	agagagtcca	cactagagaa	aggccttatg	aatgtagtga	300
atgtgggaaa	tccttttagct	taagggtccaa	cctcattcac	catcagcgag	ttcatactgg	360
agaaaggcat	gagtgcgggc	agtgtgggaa	atccttttagc	cgaaaatcta	gccttattat	420
acatctgaga	gttcacactg	gagaaaggcc	ttatgagtgc	agtgactgtg	ggaaatcctt	480
tgctgaaaac	tccagcctta	ttaaacactt	gagagttcac	actggagaaa	ggccatatga	540
atgcattgat	tgtggaaaat	catttcgcca	cagttcttcg	ttccgtcgcc	atcagagagt	600
tcatactgga	atgaggcctt	ataagtgaag	caaattttgg	aaattctctt	gcccaggcctt	660
tttgctcctt	caaggccaga	gagttcacac	cggatcaagg	tgttatgagt	gtgacaaatg	720
gggaatattc	tttagctaga	atgctagctt	ctttacataa	aagagtgtct	ccactgaaga	780
agtgcccttt	gagtgcfaat	aatgtgagaa	agccttcagc	cctctctcat	tggttaccac	840

00121015298460

aatattttaca	tgaggaaaat	accacagatg	tggaggtaat	attattttttt	cttcaatata	900
acactggagg	aaacccctta	tgaggatgcc	atctgcctaa	attgaatgtc	atacatcaaa	960
tagctgcata	cattccagggt	atgtgggaac	tgcatagtat	ttttcgacct	gccagggtct	1020
cttgctagac	ttctgtgact	tacagtcttc	ttctaaaaag	catttcacct	ttaccacttg	1080
gcaggtgccc	acagtacatc	attcgccctaa	ctcatcatga	tccagaagta	actttgattt	1140
tgtttcattc	aacagaggga	tttttttagta	tcctcagcac	tcattctatt	ctcattttctt	1200
tctctccaat	gagttaggcc	atgaacctga	ctcatttttg	gcacagagga	ctcttctgat	1260
aacttgaaaa	aatggactac	cttttttcagg	gatcttttgg	atctcacaga	gttcttaaga	1320
tgaatttttc	cagcctgcca	gtcatgaatc	tcagacagcc	tgccacctat	tgccctgatt	1380
tgtgttataa	taaaggcctt	gttgcttaag	acaccttcag	tctttgcagg	agggcatgga	1440
agctccaaaa	aaaaaa					1456

<210> 3913  
 <211> 1269  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1271)...(227)  
 <223> similar to gi4105619 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3913		
tttttttttt	ttcctaaatt acagtatttt atttaatatg cctttttaaa ataaatgagc 60	
cttagcttat	caggcacaaag ttttttttgt tttgttttgt tttatttatt cacttacagg 120	
aaatataaac	acaaattcta aaagtgtgaa gttgcaaacg acaggcaagt tcacatttca 180	
attaatgtga	actgaacaag agtttaagggt gattttttaa taccttccac gttagaaaaat 240	
ccttctttct	taaataagtt ttcatataaa gccaaagtcct tgcaacttaa cgacggtttt 300	
acagtcttaa	gtgatttttag aaagtgtctt tgtttcactg tagttgcgtc tagtccattt 360	
tcttgccagag	ccagcaaagc agcttctgtg cagaggtttc taagatcagc tccagaaaaa 420	
aaacagggttt	ctgctgagag gttttctaag gagacatcag gccctattgg catgggtttt 480	
gtacagactt	ttaaaataga aagcctgccc ttgtgatctg gaggtgggat atagatgatc 540	
ttatctaata	ttccagggtcg taacaaagca gtatctaaca catcagggtct atttgttgct 600	
gcaataatca	tgacacttcg gttaaaaact tcttgaaact ctcttcattt tttcagctcc 660	
ttgtattttac	cctgttgact tgatttactt cctcttctct ctattgtctt aagtccaaca 720	
ccatctaatt	cattcaggag aacagaaaga actcgttctt gaacatcaca tcctgtcttg 780	
ctggctgagc	gagctcccaa gattgaatca atttcatcca aaaacaaaat tgctggagtg 840	
cttgctcttg	cttgctgaaa tatctgagac aacacttttt ctgaatctcc aacaaacggt 900	
gaaaacagat	cagctccact cactgaaacg aaagagcagt gacagcttgt ggccagggcc 960	
ctcaccagag	tggttttagc acatccaggg ggcccataga ggagaactcc ctttggttgt 1020	
gtcaggccca	ttctaacaaa ttcccaaggg aatttcagag gccactcaat gctctgtttt 1080	
aacttcagtt	ttacatcttc aaggccacca atctcctccc agtcaacagg cttgatatcc 1140	
attaatccaa	tgacgcttcg aaacgatgag ggctgaatat ttttaaaagc ttcaagggaag 1200	
tctatttcat	caatcacagg attgtccttc tcactatgaa ggagggcatg catggcagcc 1260	
tccctacag		1269

<210> 3914  
 <211> 1449  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1451)...(1226)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3914  
 tagatggtga gtgccccttc ccatccaaaa ggtctcagca cactgatgat agtgccttgt 60  
 gcatgtcgct gtcagggttg aatcaagtgg gctgtgctgc taccctgcct cattcttctg 120  
 ccttcacgcc tcttaagagt gatgacagac ctaatgctct attaatgttca cccgcaacag 180  
 aaacagttca tcattcccct gcatattctt ttcctgctgc tatccagaga aatcagcctc 240  
 agcgccctga aagcttcctt ttccgagcag gtgtcagggc agaaaccaac aaagggtcatg 300  
 cttcacctct tcctccatct gctgcacctt ccactgattc tacagattcc ataacaggac 360  
 agaattcaag acagagagaa gaagagctgg aattaataga ccaactgcgt aaacatattg 420  
 agtaccggtt gaaagtgtct ctaccttggt atctcggagc agctctaact gacgggtgtg 480  
 ttctttgcca tttggccaat catgtgctgc ctcgatctgt cccaagcatt catgttccct 540  
 caccagctgt agtaagttga taatcctaaa aagccttggc tattcatcag acatttggtta 600  
 agcacagtgg acagacattt cttaagcatt gtgctagata ttaaggatac agatataaag 660  
 agtccagtct ctaccttcct ggtctcactt ctactcgaga agaaatagac atgtatacag 720  
 ctacttacag cagtgcgata aatgtaagaa aggcattgtac agtgtgtgtt atagggatat 780  
 aaaaaggggc cacttaactc cacctggaga gttcagggaa gccttcccag aacggggcaaa 840  
 atttgaacta attcttgaag ttaagaagg aattttccag cagtacagag aggggagggg 900  
 gccttccagg cataggattt ctagattcag aagctaagga aagtttggct ttactttaag 960  
 gaattggtaa attgttcaga atggatcgtg cacagggttg taatacaaat ggtaaggggt 1020  
 aaggctagag acgtgagctg gggccgtggt acaaaggcct tatgaaccgt gtgaaggacg 1080  
 tttaccctag tacagacaat gaggatacac tgaattaaag agggaatacc atgattctaa 1140  
 ctgcagttta gaatgatgaa tctaggctgg gcgcggtggc tcatgcttat aatctttgca 1200  
 atttgggagg ccgaggcaga cgattgcttg agccaggag tttgagacca gccaggacaa 1260  
 tatggcaaaa ccccgctctc accaaaaata caaaaatcag ctgggtatgg tggcatgtgc 1320  
 ctgtgggtccc agctactcgg gaggtgatg tgggaggatc acttgagccc aggagttcga 1380  
 ggctgcagtg agccgtgatt gtgccagtgc actccagcct aggtgagaga gcaagaccct 1440  
 gtctcaaaag 1449

<210> 3915  
 <211> 1550  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1272)...(655)  
 <223> similar to gi4185892 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	3915						
tttttttttt	ttatattttta	tcaatttttat	tgaaatatctc	caaggatccc	aaccccatTT		60
aaaaataaaa	attgtaaagc	actccattca	ataaaaagcac	ataagtcccc	ctcaataatt		120
agtatgacaa	ttcacgatac	agctcttact	ctgggagagt	ttattttacc	ctttattcca		180
aaaggcacaa	agtcacgtga	ggcctcagat	attaacccca	ctgcatgtta	atgacacacc		240
actgaggtgc	agctcaatgt	aattattaaa	gcttataaca	cacttcccca	agaattttata		300
gattctttct	ataaaataata	atttaaaaaa	tactgcacct	taagaccaat	acagggttaa		360
caaaagacct	gaaatttctg	caagggcagt	tttgtttctt	gatagaagta	caacttttga		420
aagtctattc	ccagcaaaaag	aaacactaga	cccagcttgg	ccaaagaaac	aaaataaaaac		480
aagtgatttc	taacacgcta	aaagagtaca	ttttcatcag	ctccaaagaa	agcagtcctg		540
gtcattcaga	aggctcctat	gatcccacca	gtctgcagtc	attagaaata	tatgctttac		600
agggcacagg	ctgctctgga	tttggtttca	gacaccagtg	accagaagaa	gccagttttg		660
cgtgtgaggg	gtgtgggccc	ccgctgcctt	gggcctgtct	accggggtgg	atggaccccc		720
gccgggtcac	agcctgctgt	cacgtctgga	ctgttgccct	ctcttgcata	tgggtgtgtg		780
ggctctcctg	ctctctgtcc	ctcagtcacg	tcattgtctg	gctgtccggt	gctggctgca		840
ctctcatttg	tgaggataac	cccttccttc	ttctttttct	ccaataacct	cagccccatc		900
atcctgagat	aatgaagccg	ttcattcttg	ggcacaaaag	ttcgaatgga	ggcctttccc		960
cgccatccgc	ataagacgat	gggacactgc	agagcgtctg	gattcgcaga	atctggttca		1020
tacttcagca	cgatgcttcc	ctttgccagg	tcttttgctt	gactgtaggt	ctcactgctg		1080
agttttctaa	aaaagggatt	ttcctgggtc	aacagtatct	taacatcttc	cattgataca		1140
gtataaatc	ttgagttaat	aaatggatac	aatgtatata	ttccctcctg	tgccagccgg		1200
aaagcacagt	caaactcttc	accgctgtta	tttctacacc	agactttgat	ccccgtgtta		1260
ataacctgta	agtaaaaaaa	taagatgaaa	cacagagaga	tgaagacagg	accatctcct		1320
gtaaggatgc	cgggccacat	ggagaaaccg	tcacggaatg	ggaaaggaga	ggagaagcag		1380
aaaccacccg	agaaaacccg	gttaagaacg	aactgatact	cacaacttgt	gattacgtcg		1440
cttggaggag	agtaaagcaa	atgaaaaaag	ggcaacccaa	tggccaaatt	ctaagggaag		1500
taccgcacgc	gtggggcggtg	gctcgacccg	ggaatgccgg	agttaaaaqta			1550

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<210> 3916
<211> 638
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (618)...(136)
<223> similar to gi2578453 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3916						
tttttttttt	ttgtgtgcca	caagtttatt	actcaataaa	tattctgtgg	tttgacgtgc		60
tgtattgtat	ttttaatgta	tcctgatgag	aaaaacaatc	ctaagacatc	ctgtaagtat		120
cagacacgat	tgaataagaa	ggggaatgac	tccatgaaac	tatatttggc	atcagtaaga		180
ttcttctgcc	agttttctcg	aaagcgaacc	attcctggtc	tgtgaactaa	tgcttgggtg		240
tcacctacat	aagaaacaac	aatgggtgca	tccgaaaaat	attcgtcaat	ttgtttaaga		300
cccttttcca	cagtgaattc	accgtgagtc	atccacttga	tgtttttcaa	agggtttcgc		360
tcctcttcca	caatcttaac	agcataattg	atgacatcct	caaccagagc	tagagctact		420

tgagtcaatt	catcctcgta	gttcttgtct	tgtgtattcg	gcattgtttg	gcttgcgget	480
ttgttatcct	catccattgc	tttctggctt	gttgaatttt	gagtctcact	cattttcttt	540
ttccggagtg	agcagatctt	ctttgcttgg	aacaggagca	gtggtaggtg	gctggggatg	600
tctcaggatt	ctctcagtag	cttctctcag	attgccag			638

<210> 3917

<211> 2057

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1338)

<223> similar to gi3461882 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3917

gaacgacaga	tgaaatccag	ataagtgacc	cgaccctcag	gtgcacctaa	gaaagaacac	60
gtaaatgtag	tttttattgg	ccatgtagac	gctggcaagt	caacgatcgg	aggacagata	120
atgtttttga	cccgaatgg	tgacaaaaga	acactggaga	aatatgaaag	agaagctaag	180
gaaaaaaaaca	gagaaacctg	gtatttgccc	tgggccttag	atacaaatca	ggaggaacga	240
gacaagggtta	aaacagtcga	agtgggtcgt	gcctattttg	aaacagaaag	gaaacatttc	300
acaatttttag	atgccccctg	ccacaagagt	tttgtcccaa	atatgattgg	tgggtgcttct	360
caagctgatt	tggctgtgct	ggatcatctc	gccaggaaaag	gagagtttga	aactggattt	420
gaaaaaggtg	gacagacaag	agaacatgcg	atgttggcaa	aaacggcagg	ggtaaaacat	480
ttaatagtgc	ttattaataa	gatggatgat	cccacagtaa	attggagcat	cgagagatat	540
gaagaatgta	aagaaaaact	ggtgcccttt	ttgaaaaaag	taggcttcag	tccaaaaaag	600
gacattcact	ttatgccctg	ctcaggactg	accggagcaa	atattaaaga	gcagtcagat	660
ttctgccctt	ggtacactgg	attaccattt	attccgtatt	tggataactt	gccaaacttc	720
aacagatcaa	ttgatggacc	aataagactg	ccaattgtgg	ataagtacaa	agatatgggc	780
actgtggtcc	tgggaaagct	ggaatccggg	tccattttta	aaggccagca	gctcgtgatg	840
atgccaaaca	agcacaatgt	agaagttctt	ggaatacttt	ctgatgatac	tgaaactgat	900
tttgtagccc	caggtgaaaa	cctcaaaatc	agactgaagg	gaattgaaga	agaagagatt	960
cttccaggat	tcatactttg	tgatcctagt	aacctctgcc	attctggacg	cacgtttgat	1020
gttcagatag	tgattattga	gcacaaatcc	atcatctgcc	cagggtataa	tgcggtgctg	1080
cacattcata	cttgtattga	ggaagttgag	ataacagcgt	taatctcctt	ggtagacaaa	1140
aaatcaggag	aaaaaagtaa	gacacgaccc	cgcttcgtga	aacaagatca	agtatgcatt	1200
gctcgtttta	ggacagcagg	aaccatctgc	ctcgagacgt	tcaaagattt	tcctcagatg	1260
ggtcgtttta	ctttaagaga	tgagggttaag	accattgcaa	ttggaaaagt	tctgaaattg	1320
gtcccagaga	aggactaagc	aattttcttg	atgcctctgc	aagatactgt	gaggagaatt	1380
gacagcaaaa	gttcaccacc	tactcttatt	tactgcccac	tgattgactt	ttcttcatat	1440
tttggcaaaag	agaaatttca	cagcaaaaat	tcattgtttt	tcagctttct	catgttgaga	1500
tctgttatgt	cactgatgaa	tttaccctca	agtttcttcc	ctctgtacca	ctctgcttcc	1560
ttggacaata	tcagtaatag	ctttgtaagt	gatgtggacg	taattgccta	cagtaatgaa	1620
aaattaatgt	actttaattt	ttcattttct	tttaggatat	ttagaccac	ccttgttcca	1680
cgcaaaccaca	gagtgtgtcc	agtgtttgtg	tgtgtgttaa	aatgataact	aacatgtgaa	1740
taaaatactc	catttgaaac	tcttcggtta	tttgaaatgc	ttttgaataa	tgtttaaatg	1800
tcattatgta	atgctattca	attagcttta	ttactttctc	aaatagttag	atatgttcta	1860
tcacttaaaa	acttaaaaac	tcttcaccac	ttactgtttt	aagtgaggaa	tttacaacaa	1920
atgcataagt	gtgtattaaa	ggaataattt	taattttgag	aaaaaacgt	atgttaaggc	1980

tcttcccagt gggctttggtt ttctctgtcc aagtccagtc aataaaggag ctcttctgct 2040  
 tccccacttg tgatttg 2057

<210> 3918  
 <211> 442  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(443)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3)...(442)  
 <223> similar to gi3108057 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3918  
 atccttccca gaaaaattca ggcacagata tggaaccaag gactgttgag ataaacaggg 60  
 agctcagtga tgcccttgga atcagtattg ctggaggaag aggaagtccc ttaggagata 120  
 tccccgtatt tattgccatg attcaggcta gcggagtggc cgcacggaca cagaagctta 180  
 aagttggaga tctggttggtc agcattaacg ggcaaccttt ggatgggctg tctcacgcgg 240  
 atgtggttaa tctgctgaag aatgcctacg ggcgatttat cctgcagggt gtagcagata 300  
 ccaatataag cgccatagca gctcagcttg aaaacatgct tacaggctac caccttggtt 360  
 cgcccactgc ttgacaccat ccanaagaca caaaggagca nctgcagatg acggccgatt 420  
 taaacgaggg atcagattta tc 442

<210> 3919  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> similar to gi2291232 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3919  
 tgcattgcta gtcagtttgg ggcaacattc tttatcatct ctgcttcacg gttaacttct 60  
 aaatgggtag gtgaggggga gaaaatggct cgtgcattgt ttgctgttgc aaggtgtcag 120



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caaccagctg tgatatttat tgacgaaatt gattccttgt tatctcaacg gggagatggt 180
gagcatgaat cttctagaag gataaaaaca gaatttttag ttcaattaga tggagcaaca 240
acatcttctg aagatcgtat cctagtgggtg ggagcaacaa atcggccaca agaaattgat 300
gaggctgccc ggagaagatt ggtgaaaagg ctttatattc ccctcccaga agcttcagcc 360
aggaaacaga tagtaattaa tctaattgtcc aaagagcagt gttgcctcag tgaagaagaa 420
attgaacaga ttgtacagca gtctgatgcg ttttcaggag cagacatgac acagctttgc 480
agggaggctt ctcttgggcc tattcgccagt ttacaaactg ctgacattgc taccataaca 540
ccggatcaag ttcgacccat agcttacatt gattttgaaa atgcttttat aactgtgcga 600
cctatagttt ctccaaaaga tttatagctt tatgaaaact ggaacaaaac tttatgttgt 660
ggaaagtaag tgggatactt gtaatcaagg catctctgta ttcagtcttc tttatTTTTT 720
agcatataaa gtttggggtgt gttaatatga tttttaagac tatcttctaa atactgtact 780
tgaccatata tcacagattt tacatctgat tgacatagtg tatgttaacg tacgttaggc 840
atcg 844

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<210> 3920
<211> 1018
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (104)...(153)
<223> similar to gi510184 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3920
atTTattttca tataaatctc atatggtaca aaagtattac atgcttgggc ctgtcttgca 60
aaataagagg ttctttcagt tcttcaggcc aaccttcctt cagaggcaaa taaataagaa 120
acatgtagaa catattttag aaatttttta ccataataaa aatatgtgaa catcttatat 180
ttagcatagt ttagcaatcc agtttatgtc gacaaattta gttcactgct gggaggcaca 240
tgtcacagaa gaaccttaata ggcagcagat attttaacct gtaggaacaa aatgtttaac 300
atTTTTcttg tattttttga agaaggtact ccatttgtac attcaagttt gggtggccct 360
tttttagtctt tttgttcagt attttaaaaca cttccatttt cttctttttg tactgccttt 420
gggcttcttc tctctcctgt tttctcctct cgaattcttg tttcttagca gcacgtttgg 480
cttgatatctg ttcatattct tcttgtgctt tttgatttga tgttttcttt ttatttttct 540
ttggaattgt aaaggagttt actgttttaa tacattgttc ttctggctga ggctgggtcaa 600
agctacactg atcttcaa ataaaggctcgt caatgctaca ctgttcttca agcaacggct 660
ggtgaacttg ttctgacaaa ggatgggtcga cttttcttgc ttgcttcta tgtctttcct 720
cttcagctaa atagagatgt ttcagattat ctgggtatcg atctgtgaat tgagattcca 780
gtgacgtttg agccttcttt tccttcogta gcaatttctt gtaactttgc tgtattttca 840
gttttcttcg aaaagcaaag ccttgtccct cgcgaacgct cccacgaag gcttgccgggt 900
ggttaggccg ccatgtcttc tgtctcacat tcttattcct gtaccgcaca gtggaaacct 960
cttcaccacg cgcctcaata ccaccaggcc gccacttcgc ggaccgcctc accggcgc 1018

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```

<210> 3921
<211> 474

```

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(169)  
 <223> similar to gi4579725 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3921  
 aagggttggtc tggctgcctc cttcaactgc atcttcctgt atactgggga actgtatccc 60  
 acaatgatcc ggtgagtggg agcctaattg gagaatgaca gccttttcct ggggaaagac 120  
 attcttctgt gcacaggtca gacccagag ctaaatacaag tacatcccag cccaaaggcc 180  
 cctccaaca ctcattcatt caaggcacat agtagccact gagtacacac ctcattggcct 240  
 agctaacaca ggtgttactg tctctaaagc ccttacggga ccctagaaga tctcaaaagt 300  
 agccaccaac tggggcaggg taaggaaaca agaagacaca tctcagagac aacaaatcga 360  
 agtcttcctt taatctccaa aacacaaatt agaagctgcc accacatcta cattccatct 420  
 ataaaccaag tgatatatct gaaagcaaag gccacaaaca tgaaagcaat ttcc 474

<210> 3922  
 <211> 2263  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (34)...(719)  
 <223> similar to gi5532389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3922  
 aaagatgtta aacaaagtga atttgggaca tgctgctcgt actgtgtgtt acagccctga 60  
 agggacatgg tggctattgg aatgaaaaat ggagaattta tcatttttact agtgagttct 120  
 ctaaaaatat ggggaaagaa gagagacagg agatgtgcaa tccatgatat cagatttagt 180  
 ccggaattccc ggtatctggc agtaggttct agtgagaact cagtggattt ttatgacct 240  
 acgctgggcc ccactcttaa cagaatcagc tactgcaaag acattccaag ctttgtcatt 300  
 caaatggact tctctgcaga tagcagttat ctccaggtct ctagtggctg ctataaacgg 360  
 catgtctatg aagtgccttc aggaatacat cttatggatc atgccgctat tgacagaatt 420  
 acttgggcta catggactag tattctagga gatgaggttt tgggaatctg gtccagacat 480  
 gctgagaaag ctgatgtcaa ctgtgcctgt gtatctcatt caggaatcag tcttggtaca 540  
 ggagatgact ttggcatggt taagtatttt gacttcccat gtccagaaaa atttgcaaaa 600  
 caaaaagggt tcttgggtca ttgcgcccat gtgacaaata ttcgatttac cagtgggtgat 660  
 cgacatgttg ttagtgctgg aggtgatgac tgcagcttat ttgtctggaa atgtgtacat 720  
 acacctcact gagagatgct gagatgacta cagaaattaa ctttgagacc agaattacag 780  
 agaagaaaaa ccaaaacca accctgcatg gtcaagtggg gctaaccxaa gactgtaaca 840  
 gggagaaatg cccagaatca tcaaaatagt gaaagactga tctgttcaaa atatttgcta 900  
 tatgcactgg gtataatccg taatccatac actgccagat aatgccattt caaggaagga 960

tcgaataacttt	gatggtaaag	gccaagtccc	cctgtatttg	gaagtgtgtg	atttcggcag	1020
acctgctggg	aaaatttagg	gtagagcact	ctttacagaa	gaactcaaaa	acccaatttg	1080
gataatttttc	attatctttt	tatcaaaaatt	ttttcttaat	gtttataattt	tattttcaag	1140
gttcattggt	taatgaaata	ttttattcct	gcatttccat	aaggaaagg	aaagtcatga	1200
tcatcctaaa	ggatcacagt	ttttaaaagg	caaacatttt	ccctaaggaa	acagacacaa	1260
gctttcctag	agaatatgat	gttttttagg	cattaataag	gtcctttttt	ataaaggaca	1320
cttttctcct	agtagttttg	aattcaggaa	cagatccaaa	gttagcagta	tatggctgct	1380
acatttccat	tttcattttc	gagccatcag	tttatgttca	gatgccatct	ctgtaatcgc	1440
acatttaaaa	cataactgta	gcctcactaa	tggaaaagta	gtatgatgaa	caatcattcc	1500
caatggtgta	caatgtaagg	gttttaggga	gcaacagtat	ttaactggaa	gaaagaattg	1560
catatttaat	gtagtctaata	atatacacat	ttgtttaaca	tgtaaacaaa	agtgttaaata	1620
tcacatatac	aacattatac	aatttaatac	ctcttggaa	aaaattttta	tagccttttt	1680
tctattggga	aaatttggtt	agatgtgtgc	cactccatag	gtttatttcc	aaaatgaatg	1740
agcccaactc	catttgtaaa	aacttgtcag	ttagaattcc	tttttttagt	ggattagggc	1800
tgaattctta	gatccttatt	tcttttctact	ttaaattgctg	ccaaagatca	ctactcatca	1860
ttcaggaatt	cgctgtctag	cctatctgta	gtttcctgaa	gattgaaaat	tatgtagact	1920
gctattttaa	aatataattt	tctaagtgtg	aggtttaaga	tgctgtattg	accctatgag	1980
tttttaaatgt	gttaattatc	tttatagcat	aatagatcgc	tttaggttcc	tggaatccca	2040
tttggtctga	caggatata	gaagattcct	aatacctatt	ttctgtgtct	aatacttggt	2100
taatactaaa	aatagaaatg	actaaattac	atcacagaaa	gcataaccag	tgattgaacc	2160
tggtagtgtt	aaagctctaa	atagctgtgg	ctgaaggact	gattatgggg	ctaagaagct	2220
tgaaacgtaa	gttggtactt	gttcatcagt	ggattctcct	aaa		2263

<210> 3923  
 <211> 581  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (582)...(367)  
 <223> similar to gi4406672 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3923						
tttttttttt	ttttaataac	tgttcagcta	caaaatttta	ttggtatctt	tttatgttcc	60
ctctagagga	tgtaatgcac	aaaagcattg	ccacggaaca	tataaaatta	caaatagaat	120
ttattgtaaa	aagtagaatg	tcttctagac	tggtgtcagt	atttatgtca	ttcataaacc	180
aaaactgctg	tataatata	tcattgtcag	caagttcatg	tgtgtaaaatt	gccatccaat	240
gttattgact	gatataagac	agatattgaa	aagacaattt	aaatttactc	ttccaaacat	300
aaactgttcc	acaaaagcac	tgtaaaaact	ccttcaagat	tttgggttgt	gcttgacatt	360
tatgggttaac	tacataattt	ggtcgtgtca	taatccattg	tgtttgga	tttggcatta	420
aacgcctgca	gagcagattg	gatcctcacc	ccctcactag	tagacagctt	gagtcctatga	480
cgaagcaagc	aagagaaaag	atctagacga	cgctgccag	gtggggagag	tttatctact	540
agagatcaga	gcccgtgtag	ttgcaaaagt	gctgaatcct	g		581

<210> 3924  
 <211> 1275  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (322)...(640)  
 <223> similar to gi2393890 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3924

cccacgcgtc	cgctagtc	tgggggcagc	ccgaggccta	taccggctac	accattcaga	60
agcacctgaa	ctccacgga	aaatcagaag	ctcaaacttc	ctggtaactc	aaggctacca	120
agtgaagatt	tgggtacctg	gctgagtttg	gggctggcag	ccttcagcac	accaatggtg	180
tcaatggcag	gtgtgcatgg	gacaagaaca	tatgctgtca	tgattgtgct	acagtttctt	240
taagaacacc	agcttgacag	atttgagttg	aggaaaacac	agacttccat	gagtttgga	300
actacgagag	aaaagacaga	cagagtcaaa	tctacagcat	atctctcacc	tcaggaactg	360
gaagatgtat	tttatcaata	tgatgtaaag	tctgaaatat	acagctttgg	aatcgtcctc	420
tgggaaatcg	ccactggaga	tatcccgttt	caaggctgta	attctgagaa	gatccgcaag	480
ctggtggctg	tgaagcggca	gcaggagcca	ctgggtgaag	actgcccttc	agagctgcgg	540
gagatcattg	atgagtgcg	ggcccatgat	ccctctgtgc	ggccctctgt	ggatgaaatc	600
ttaaagaaac	tctccacctt	ttctaagtag	tgtatcaaaa	tctaaaccaa	ggagtctctg	660
gacaagaagc	tgggagaggc	acaaactgga	catctctctc	tctcatatcc	ttcggcattg	720
ggttatctat	gggagcaagg	agtgggcacg	cttctctgtt	acaaatagaa	aacgattcca	780
gtcatacagg	acacatccca	ctccaaatga	tatttccaaa	aacatacctc	tgacagtaac	840
tttgatagat	ggtttgtcaa	atgtatcttt	ctgggtatcc	acacctcttg	gcaatgaaat	900
ttgcagctcc	tcccttccat	aaatgaagtc	tctttcccca	ccatttgaat	ctgggctggc	960
actgtgactt	gattttgatca	atagaatgtg	gaagaagtga	ctgtatgcca	gttccaagcc	1020
taggtttcaa	gaggccttat	aaatgtctgt	tggaaacctta	cccagccatg	gacatgttga	1080
gtgagcatgc	tggagaatga	gagaccacat	gaagcagaaa	catgctttcc	tagctgaagt	1140
catactagcc	caaccaacat	ggcagctaac	acatgaatga	ggccaatcaa	gaccagaaga	1200
accactcaag	cagatcccag	cccaaattgc	ccattccaca	atcaggagct	aaataaatta	1260
ctgttgtctt	aacac					1275

<210> 3925  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (26)...(445)  
 <223> similar to gill196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3925

```

atcgatgacc ctcgtccatg tgggtggaatt cgctcccaa gaaaagagga gcatagctat 60
agcaaattgg aaagatgatg agtgggtgcc cgaaaggatc atacagtact ataggcctgc 120
cacatgggca caagacgact catagggata ccataccccc atctacatgc tcaactggat 180
catacggtta caggccatct tagaaataat cactagtga actggcagag ctttaactct 240
tttagccag caggaaaccc aaatgagaaa tgccatctat cagaatagat tggccttaga 300
ctatttgctg gcagctgaag gaggagtctg tgaaaaattc aacttgacca agtgctgtct 360
gcaaagagat gatcaaggac aagtagtcaa aaatatagtt agagacatga caaagctggc 420
acatgtaccc atgcagggtt ggcataggtt tgatcctgga tccctgtttg gaaaatggct 480
tccagctcta ggaggattta aaactcttat aataggaatg ataatggtgt aggaacctgc 540
atgttactcc cctgttgta cccatattt 569

```

```

<210> 3926
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(389)
<223> similar to gi4468307 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3926
agagaagtag gttccaggaa acaaaaaggt cagaggtgta cccagtgaag acaacagcag 60
gtgtgaaagc caagaaactg cagcgctcag ttcactcaag aaacaaagg gttcaatatg 120
gatggactgc agatctccag atggaagcgg ggcatggcca ggccagcatc ctatggctct 180
actttgagac gggtagctgg gtgtatcctg tgtttgccaa actcagcctc ttgggtctag 240
cagctttctt ctctctcagc tacgtcttca tcgccagcat ctacctactt ggagagaagc 300
tcaaccactg gaaatggggt gacatgaggc agccacggaa gaagaggaag taattgcaca 360
ccattttcca agaaccaaga aagaagaaaa cacaagagat ttttctcatc cttttttttt 420
tttcgggggg gggggggggg ggggggaaca taccaaagtg ggggggacaa aaagggatcc 480
ttaattttta aaaaaggttg gggaagggac cttaacttga aaactctggg ttttttgaag 540
ggtggactgc ccatgccaaa aacaactcct ggtattttaa aattaattat ctttgacctt 600
gg 602

```

```

<210> 3927
<211> 1672
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (537)...(1072)
<223> similar to gi5834580 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3927
tttcgtgggt cagaagggag gtggtcgccc tccgtcgtgg tctggcgtgt attccgagcc 60
ttggtgtctg gcggtttccg agcgttggtg tctggcggtt tccgagcggt ggtgtcttgg 120
cggtttccga ccgttggtgt ctggcggttt ccgaccgttg gtgtctggca cgcgccaccc 180
tctcttgctt tggttgcgcc atgccgatgt accaggtaaa gccctatcac cgggtctgcg 240
cccctctccg tgtggagccc acctgcatgt actggctccc caacatgcac ggcaggagcg 300
gcggcccagc acttggcact ggccacttgc agacaagaag acaagaaaat gatttgagga 360
cagcttcaat cgcggtgtga agaagaaagc agcaaacga cactgaaaa caacgccggt 420
ggcaaaatat ccaaagaaag ggtcccaagc ggtacatcgt catagccgga aacagtcaga 480
gccaccagcc aatgatcttt tcaatgctgc gaaagctgcc aaaagtgaca tgcagggatg 540
tccttcctga gatccgtgct atctgcattg aggaattgg gtgttgatg caaagctaca 600
gcacgtcttt cctcaccgac agctatttaa aatatattgg ttggactctg catgataagc 660
accgagaagt ccgctgaag tgcgtgaagg ctctgaaagg gctgtacggt aaccgggacc 720
tgaccgcacg cctggagctc ttcactggcc gcttcaagga ctggatgggt tccatgatcg 780
tgacagaga gtacagtgtg gcagtggagg ccgtcagatt actgatactt atccttaaga 840
acatggaagg ggtgctgatg gacgtggact gtgagagcgt ctacccatt gtgtaggcct 900
ctaattgagg cctggcctct gctgtgggtg aatttctgta ctggaaactt ttctaccctg 960
agtgcgagat aagaacgatg ggtggaagag agcaacgcca gagcccaggc gccagagga 1020
ctttcttcca gcttctgctg tccttctttg tggagagcaa gtctcatttt gtcaccagg 1080
gtggaggcag tgggcagttc tcggctcacc gaaacctttg cctcccgggc tcaggcaatt 1140
ttcatgtctc agcctcccga gtagctggga ttgcggggtgc accccccac acctggctga 1200
tttatgtatt tttttcgtaa aaacgggggt ttcccgtgtt ggccgggctg gtctcgagct 1260
cctgacctcg ggtgatccgc ccgcctcggc ctcccaaagt gctgggctta caggcgtgag 1320
ccaccaaccc cagcccactt gtaggtccta tgcacaacag ccagacttct ctctgtgtat 1380
gtcacctcgc tctccacaaa gaaggacagc agaagctgga agaaagtcct ctgggcgcct 1440
gggctctggc gttgctctct tccaccatc attcttatct cgcactcagg gtagaagagt 1500
ctgggtggaat ggacacgag aaagggctca gcacaacagg aaacaaggag gtgtaacgac 1560
aacagagggg ggagatggcc caaggagatg ataaaggaaa aggaggtgag agctaaggaa 1620
agccccaagg agatgcgaaa agaaaggaga caccagggag actttcacag ag 1672

```

```

<210> 3928
<211> 2288
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (36)...(1400)
<223> similar to gi4895145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3928
cagtggcggt ccgagatgaa tgctactggc gccacgtctt ctgggaccag gacctctgga 60
tgctcctttt tattttgatg tgccaccag aaaccgccag ggccaggctg gagtaccgca 120
tccgcacgct ggacggggcc ctggagaacg ccagaacct gggctaccag ggagccaagt 180
ttgcctggga gagtgcagac tccggcctag aggtttgccc tgaggacatt tacggagtcc 240
aggaggtcca cgtcaacggg gccgtggggt tggccttcga gctgtactac cataccaccc 300

```

```

aggacctgca gctatttcga gaggctggtg gctggggacgt ggtcagggct gtggccgagt 360
tttgggtgag tcgtgttgag tggagcccca gggaggaaaa gtaccacctg aggggagtca 420
tgtcccccga cgagtaccac tcaggggtca acaactctgt gtacaccaac gtcctggtcc 480
agaacagcct gcgttttgct gctgccctgg ccaggacct gggctttccc atccccagcc 540
agtggctggc ggtggctgac aagatcaagg taccctttga cgtggagcag aacttccacc 600
cggagttcga tgggtatgag cctggagagg tggtaagca ggcagacgtc gtgctcctgg 660
gatacccagt ccccttctcc ctgagtcctg atgttcgcag gaaaaatctg gagatttacg 720
aggctgtgac gtccccccag ggccccgcca tgacctggag catgtttgct gtgggctgga 780
tggagctgaa ggacgcagtg cgggcccggg gcctcctgga caggagcttt gccaacatgg 840
ctgaaccctt caaggtgtgg acggagaatg cagacgggtc aggcgctgtg aacttcctga 900
caggcatggg gggcttcctg caggcggtgg tcttcgggtg cacggggttc agggtcaccc 960
gagcgggtgt gacctttgac cctgtgtgtc tgtcggggat ctccagagtg agcgtctccg 1020
gcatcttcta ccagggaac aagctcaact tctctttttc cgaggactcc gtgacctggg 1080
aggtcacagc tcgagcaggg ccctgggctc ctacactgga ggctgagctg tggccatccc 1140
agtcccggtc ctccctgttg ccaggacaca aggtctcctt tccccgctcg gctggccgga 1200
tacaaatgtc acccccgaag ctgcttgaa gttccagctc cgagttccct gggaggactt 1260
tttcagatgt tagggaccgc ctccagagcc ccctctgggt caccctgggt tcctccagcc 1320
ccaccgagtc actcactgtg gacctgcct ctgaataatc aggaacgggg gcttcagaga 1380
cgtctcttgg gccttccctc tggccacgtc tgcaccacc cctcctgggc accctcctag 1440
cctgccatcc ctacactgca gccaggctct cagggaaggt ccatgctgct tggcctgagt 1500
tcaaggcttt ctgcctgtag cctggactcc cgtggacccc cgtgggcagg tggcttcccc 1560
gtggcatctc cacaccgcct ctgcctgccc ctgtggactg atgctatcgc gcaccgtccc 1620
acgacccac cccgagctcc tgaagccggg gtctgagcct gcatcacctc tggcctctca 1680
tccccactc tcctgagagc agtggtcaca gcgccgggcc gctctgctga gaaggcagag 1740
aggcaggctc aggcctcagc gtggacagca gggataaggg gcacgaagga cggggactcg 1800
gcccttcag aattcctcag gactctcagg tgcagctttg ccaaaaagga acttttcatg 1860
tcatgcagtt gaggggactt agtctcaatc ccaggctcct ctgactctg ggcagcttta 1920
atcaggttgg gcagcctctg ctacagcgtg gagtgggatg gctctcttcc ctccagccacg 1980
ccgcttctga ggcagaggt gggggagtg gaagtgggaa gtcaccagag aacaggagag 2040
ggatttgagg gcgcgacccc agcgtctctc acggaccagc cagagggact ggagccaggt 2100
gtgcatgggt tcaaggccct ggccctgccc agcctctgtc ttgggagctc agccccaggg 2160
ttcggtcgtc agcagtttcc caagaacaag atgtgatggc atctgctgct gaaaccctga 2220
tgaggaccag gccccctgca ccgctgtcag cctgaggaat taaagctttg gtgctgggaa 2280
aaaaaaaa

```

<210> 3929

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (552)...(106)

<223> similar to gi3171904 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3929

```

tttttttttt ttcattgttt cactagaaac ttttactact tgattatctt aaaaagtcac 60
gttgtagcat caccatcc tgtttaaaac agcactcagg ccgtttatgt agctgatctt 120
ggattagccc ttgttgaca gggatgattt accactggat tccttggaat ccgctttcga 180

```

```

cggctctctga atgctgcacc tgattgtagg gcttctagaa gattatccat cacaccagtc 240
tcatcaccct ctttgtttat atcaatgagt tgtttctttt tcttctggcg ttctaacttt 300
tcttgttcag ctttctcttt tgcaagtttt gccctcctgg tcttctcttc catttctctt 360
ctcttattgt tttctctcac tgcttccaaa aacaaagtgc ggaagttggt gagatcacca 420
aagaactctt ctatgctcac tgtctttgag tcaaaaatga agtattctcc aagattctca 480
tagagcttca tcatgttggt gtgcatgggt gagaagtttt acaacgggtc tcgggcagtc 540
tttgtaaagc t 551

```

```

<210> 3930
<211> 1832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (314)...(1078)
<223> similar to gi499204 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3930
cagcgaaggc aggccaggc tgtgacagcc gccagtatcc agcagcacgc ccagggtgctg 60
gcctcccctg agcagagtc tctgcacaca gctctccttc cttaatgccc agagataagg 120
gtggcttgag ctctgggtgca cagaaccgca tegtactgtc acgtgagctg gaccacactt 180
gtcctgggtc tgcggcagtc tctacagtgc gtagatggag gaatcctgtt cctggagggt 240
tcggggcagc cactggtagg gtgccagcaa ccccccttc tctccagca cctgctgtcc 300
ccagatgccc ctgcagaagc tgctcttctc agctactctg acccagaacc ctgaaaagct 360
gcagcagctg ggccctccacc agccccgggt tttctccaca gggctagcac acaggggcct 420
ggaagataca gatggggacg gggattcggt gaagtatgcc tttcctgttg ggctcacgca 480
ccactacgtg ccctgcagcc tcagctctaa gccgctgggt gtccctgcacc tggctcctgga 540
gatgggcttc tcgagggttc tctgcttcac taactccga gagaactccc acaggctctt 600
cctgctgggt caagcttttg ggggtgtgga cgtggctgag ttctcctcgc gctacgggcc 660
tggccagagg aggatgatcc tgaagcagtt tgaacagggg aagatccagc tgctcatcag 720
cacggacgcc accgcgcgag gcatcgacgt gcagggtgtg gagctggtgg tgaactacga 780
cgccccccag tacctgagaa cctacgtgca ccgggttggg aggacagctc gcgctgggaa 840
aactggacag gccttcacac tgctcctgaa agtgaggag aggagattcc tccgaatgct 900
aactgaagct ggggcacctg agttgcagcg gcacgagctc tccagcaagc tgctgcagcc 960
gctggttctt cggtagcagg aggccctgtc ccagctggag gactctgtca aggaagagcg 1020
caagcagagg gcggcctagg ctggggctca gagggccgga gggactgaac gctcaccacc 1080
ctgaccctcc ttccagagca gtgctgatca ctggatcctg tatgtgagga aaggaatccc 1140
ccagtggaca cagccttctt cccaagcac gtggtctctg cgccaggcag cccgggcgtc 1200
agagctcaag cacctgcccc gactggagac ttcagggtt gtcactttca gactgtggag 1260
gtcaggatgg ctgagggcaa tgaagcctta gtaaacgggt gaaaagtact ccagacgga 1320
cgcgggcacc cgtcatgctt ttgctgagag ttgggggcat taaccttgag ctaatgttaa 1380
aaatcaagct cttggccagg catggtgggt catgcctgta attccagcac tttgggaggc 1440
caaggcgggt ggatcacctg aggtcacgag ttcgagacca gcctgaccaa acatggagaa 1500
accctgtct cctactaaaa attacaaaat ttagccagg gcgtgggtgg gcatgcctgt 1560
aatcccagct actttgggag gctgaaggca ggaaaatggc ttgaaccccg ggaggttggg 1620
ggttgaggt gagctgagat tgcgccactg cactccagcc tgggcaacaa gagcaaaact 1680
ccgtctcaaa aaaaaaaaaat tgccgggcgc ggtggcaaat gcctgtaatc ccaggcactt 1740
tgggaggccg aggcaggtgg atcacaaggt caggagatag agaccatcat tgcctaacat 1800

```



ggtgaaaccc cgtttcctgc ctaaaaatac aa

1832

<210> 3931  
<211> 353  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (18)...(24)  
<223> similar to gil4465 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3931  
ggcacgagag agaggccagc ggatgttgta aacatcctga accaaataga atggcctgtg 60  
cagaaaacta tatatccggg gtactgaacc aggtatgtgg gtcgcatgaa aaaaccccc 120  
ctagcgacag atgcaccca tgctggacag aatgcttggt gaacaggcga ccatgctttt 180  
cagctctgga agcctaggag acatactttc ccaaagagtt taatggtgaa tcactcacct 240  
ttcatgcaga tatgtgccca ctttctgaca aggagagact aattgggata cacactggac 300  
ttggtgaggt cgtgaaacac aggcccaatg caacgcaaga ccagctgtga gct 353

<210> 3932  
<211> 1453  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1455)...(404)  
<223> similar to gi498721 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3932  
tttaagttaga gaactttcac cttttcattt aaaaggaagc actttgtggc ttctctttgg 60  
catatccgaa tcaccagcat catcactact cctgctctct ggggccactg ttaagcaaag 120  
tgaggactgc ttggtcacag gcaactgtgaa tgctgggata gttgatctga tcaccaagac 180  
ggctactaag tcactagcag ggtgggtggc gtatacagcg tggatgtgct ggaccaaggg 240  
atgactcaca tccccggccg gctggagccg gacagcgaga gatttcatca cgctactcag 300  
aagggcacac catttgagac ttaaaattct ttatttctgg aattttccat ttaatatattt 360  
tgaactgcag ttgactgcag gtaacaaact gtggaaagcg aaaccataga tacgagcggg 420  
ctactgcgtt caaaaggctc ttcaactggt gtggatcctc tgatgttctc ggagatgggt 480  
taggtggtta catgccttcc cgcactcctt acattcgtag gatttcgccc cactgtgcgt 540  
tttctgatgt tgtgtaagct gatggccgtg actaaagctc ttccacatt ctgtacaccc 600

ataggggtttc	accccggtat	gaattctctc	atgtttcacg	aggctcgatc	cataaatgaa	660
agccttccca	cactccttac	atttatacgg	ggtttcgcct	gtgtggattc	tctcgtgctg	720
agtgaaggta	tagccacaat	tgaaggcctt	cccacattct	gtgcacttgt	acggcttctc	780
gcccgtatgt	atcctctcgt	gcttaacgag	gctcgaaccc	cagcgaaagg	ccttcccaca	840
ctccttacat	tcgtagaggct	tctcaccggg	gtggatcttc	tgatgctgag	taaggtaatt	900
gactcgagta	aaggccttcc	cacattcttg	acattcatag	ggtttctcac	ctgtgtgaat	960
tcttttatgc	tgaatgaggc	ttgaaccaca	aataaaagcc	ttcccacagt	ctttacactc	1020
gtaaggcttc	tccccactat	gaattctctt	gtgctgaata	agtttataca	cacggctaaa	1080
ggtcttccca	cagtctttgc	attcgtagtc	tttctcccca	gtgtggaatc	tctgggtgctg	1140
agtgaagctc	tcaccacgcc	gaaaggcctt	tccacagtct	ttacattcat	agggtttttc	1200
accagtatga	atcctcttat	gaataacgag	gcttgagccc	catcgaaaag	ccttcccaca	1260
gtctttacat	tcgtagggct	tctccccagt	atgaattttt	tgatgttgag	taagctgatt	1320
gccccaacgg	aaggccttct	tacattcttt	acattcataa	ggtttctcac	cagtatggat	1380
tttctgatgg	tgactaagtt	gatagccacg	actaaaggcc	ttcccacagt	ccttacattc	1440
aaaggaattc	tcc					1453

<210> 3933  
 <211> 1255  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1247)...(745)  
 <223> similar to gi5912096 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3933						
tttggtttac	agaactttta	tttggattct	ttccttgtct	gttaataata	taggctgcac	60
ctgggcatca	tcgtgccctt	cctttttgat	tctgctgttt	tgcttttaat	cctacaggca	120
tttcttctgg	caggagcctt	gtacacactc	tgggtgggtc	atgaccacca	cggacttgcc	180
ctttcaaggc	agaagcctgt	gattcaaaaa	cttccattcc	ttccaatcga	ctattataaa	240
actcattttg	tctagtgcc	atactccttt	accttaggat	cctgggcca	ctgtcactaa	300
agaaaacaaa	ccatttctct	ctcctggggg	aatgtgcttc	tttcaagaag	gtgcttagag	360
aatagacatt	ctaggtgaca	gcagttatga	aagaggtgtc	tctaataaac	ctaacacttc	420
ttccaacata	ctccagggtc	accctccttt	gaagacagaa	agtactacaa	cttcagttgc	480
caccctagtc	aggttcatag	gatttactca	gtaggttaag	agatggtgct	gagaatgaag	540
tccagagttt	gagtcctaca	gtggcatttg	cttctccttt	gggacttctg	tggcaggggtg	600
tggaaacaaa	tcagattggg	tgcatatctg	tttctcttcc	acctccttca	aataaaagcg	660
agaacctctt	gggagaattt	aagcaccatt	agcagacaca	tcttagagca	gttaatgaaa	720
tgttttgtat	ttcagtagaa	aactatttca	atggtgaaaa	tgatgcagga	atcagaagca	780
tattctgctg	agatactagg	tagttgacac	tttcccaaac	tggaaaaaca	tttcatagaa	840
aggcatatag	agttactgac	tgaaacacat	ttgtttctaaa	aataattcat	gcctagtcaa	900
acagcttacc	agctgccaca	actctgggat	cctcatggga	cttatgtctc	ccagctgcac	960
gactatctgc	actctcattc	caccaaagaa	catgaactct	gttgagtgtc	ccgtactctg	1020
tgtggaacac	tccaactagt	tttgtgtagc	ctagattgac	atgagcatga	actgcccttt	1080
taaattgcac	acccacaga	gctggccac	caggtttcat	ctgaaaagtg	gccagttcat	1140
agactcctgg	aatagggaga	aaaagaattt	ttcagaaaac	attcaagcaa	tatccaatca	1200
cgtttctcag	tgaatagtct	ttcactatct	acacacacag	atttgaggga	tcaga	1255

<210> 3934  
 <211> 1131  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (715)...(408)  
 <223> similar to gi4689128 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3934  
 gtttccctca tgatttttatt gtctcctggg gaccctgctt tgggcgggtct ggatgtctgc 60  
 cttgggccta gtttgaggcg cccogaaggt ggagccatct tgggtctcgta atttgctctt 120  
 ccctgcccc caagagggaa gccagagcta gcggggccag cactgctcag gaggcaaggt 180  
 ggcctacctg tcgcacaccc ggaggaggaa atcattgacc aggctctcgt gccggctgca 240  
 gatgctttctc ttggaaggca ctcttgagcc agtcctcaat gctgcacacc tgcacgcggc 300  
 tggagtgcc gcagatggag aggctgcgga gtgccggggc caggaggaag ttgtccttct 360  
 ggagttcagt gagggaacgg aagtgcagca gggaccagag tgcgggggtcc tcaaacacgt 420  
 cgtggagctg ggagcaggtc ctggcaaggc tcttcctgct gtccttgtct aggaaggaga 480  
 agaggtgcag caggcactcc cggttgagct gggttatgtg catggtgagc agtggccaca 540  
 tgtcacttca tcctggccca ggtactgcag ctccaaatcg tggggattct gtaagagctt 600  
 gctacctgtt gactgaggag gccacagagt tgagaagaac tagcaagagt ggtacaaaac 660  
 tgcaggatcat tgggctggcc accaggatatt cccaccacc agaagctggc tgttgctactc 720  
 acccggaacc atggtgcacc accacagcgg cgaggtcata caggcagctc tccggggccac 780  
 tgttctcagg ctacagaaca aggaagaagg agcagtggtc aatgacatca gtatctcgat 840  
 gacctctacc ctctccatgt gatgacaatc ttactgaaga gccatttttt caccatgcta 900  
 aaaaggccag ttgggtccag cagctttgcc tctctaccct tttatcacca aagtatactg 960  
 ctgagaaaga atcaaatgaa aagaaaaaag actcaacaag acctcactca tattaactgg 1020  
 actctacaag cagtgagcat ccagacctgc atttggttac aaaagaagcc ttcaagctat 1080  
 tttcatcagc ttctaataca agttaaaaaa taaaccacaa aactgagaaa a 1131

<210> 3935  
 <211> 1382  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (219)...(1235)  
 <223> similar to gi4405795 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3935

cggacgcgtg	ggcaaattaa	tgacacaatt	cgaatgatag	atgcgtatac	tcatcttgaa	60
actttctata	atgaagagaa	agataagaag	tttgcagtca	tagaagatga	tagtgatgag	120
ggtggtgatg	atgagtattg	tgatggtgat	gaacatgagg	atgattttta	gaaacctttg	180
aaactggatg	aaacagatac	gattttctcat	gactttat	tttgaaaaca	ataaaatagt	240
tgaataggct	ggctgaacac	ccctaataatg	aaaatgaaaa	gctgacccaa	ttaagaaata	300
ccataatgga	gcaatatact	aggactgagg	aatcagcacg	aggaataatc	tttacaaaaa	360
cacgacagag	tgcatatgcg	ctttcccagt	ggattactga	aaatgaaaaa	tttgctgaag	420
taggagtcaa	agcccacccat	ctgattggag	ctggacacag	cagtgaagttc	aaacccatga	480
cacagaatga	acaaaaagaa	gtcattagta	aatttcgcac	tggaataata	aatctgctta	540
tcgctaccac	agtggcagaa	gaaggtctgg	atattaaaga	atgtaacatt	gttatccgtt	600
atggtctcgt	caccaatgaa	atagccatgg	tccaggcccg	tggtcgagcc	agagctgatg	660
agagcaccta	cgctcctggt	gctcacagtg	gttcaggagt	tatcgaacat	gagacagtta	720
atgatttccg	agagaagatg	atgtataaag	ctatacattg	tgttcaaat	atgaaaccag	780
aggagtatgc	tcataagatt	ttggaattac	agatgcaaag	tataatggaa	aagaaaatga	840
aaaccaagag	aaatattgcc	aagcattaca	agaataaccc	atcactaata	actttccttt	900
gcaaaaactg	cagtgtgcta	gcctgttctg	gggaagatat	ccatgtaatt	gagaaaatgc	960
atcacgtcaa	tatgacccca	gaattcaagg	aactttacat	tgtaagagaa	aacaaaacac	1020
tgcaaaagaa	gtgtgccgac	tatcaaataa	atggtgaaat	catctgcaaa	tgtggccagg	1080
cttggggaac	aatgatggtg	cacaaaggct	tagatttgcc	ttgtctcaaa	ataaggaatt	1140
ttgtagtggt	tttcaaaaat	aattcaacaa	agaaacaata	caaaaagtgg	gtagaattac	1200
ctatcacatt	tcccaatctt	gactattcag	aatgctgttt	atttagtgat	gaggattagc	1260
acttgattga	agattctttt	aaaatactat	cagttaaaca	tttaatatga	ttatgattaa	1320
tgtattccat	aatgctacag	aactgacata	agaatcaata	aaatgattgt	tttactctga	1380
aa						1382

<210> 3936

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (258)...(388)

<223> similar to gi3327172 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3936

cttgggactt	actggccttc	caaaaattaa	agaggagaac	tgataatact	gattattcat	60
taattggagg	aaggaaacatt	agtattgaaa	tgccgttaac	attttaaaaa	ataataatta	120
ttatcatagc	cttgccctga	aacctgatt	attgttagag	agttatttcc	acgaagtgtt	180
tgtcagtttg	ttggacattt	gagacccag	gaaatcccct	ttctcgtaac	gatctccgct	240
tggtatctgat	ctcaacaggg	tgctcgtagtc	attcttcagc	acaattctta	attggagacc	300
aagaaccctg	ggcctttaga	ggtggtctag	caggagagtt	ccaggatatca	atatgaattc	360
acaactgaat	tgacattttc	tttgttttat	gacaaacctt	atgttgcgca	tcatatggct	420
ggaaggattg	gtctgccgaa	ggctttctaa	gcccaaattc	aatttagtta	catagctgga	480
tttttaaatc	aaattttcct	cctctttcac	agtaatttct	gaaggagatg	ctgccaatcc	540
ccccgcgcgc	tgcaagcgc	agcggctcta	ggtatacact	tcacattggt	tctttgcagg	600
tcgcacagca	ttttaatctg	cgcccgaat	gcacaatgcg	cgcatgcttg	tctgccagtg	660
gaagctccat	gaacaaaaga	tagtaattat	gccaataaat	ggtgaaagag	cttttgata	720

tttatccaat	tatttttataa	atataatgtg	cttgaaagaa	ttgtccattg	ctgaaaatat	780
gaacaaaata	ggaagttttt	ttgctgctgg	aattttgttca	tggacttttct	aggtgctcta	840
cttttctccc	ccaacaggt	gctctgctgc	gcacagcaaa	ctgaagcgca	ttgcttttggg	900
gataaagcgt	ctcctggaca	gataaccctc	ttcagaccaa	acctctcctc	ctgacattct	960
gttctgccat	cttatcgtag	ggagatggtc	tatctaagat	aggtttttaa	aaaaaataga	1020
tttgttcata	aattgggaat	aaggttttgt	tttttgtttt	tgtttttgtt	tttactgtaa	1080
atttaaatcc	cca					1093

<210> 3937

<211> 2542

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(758)

<223> similar to gi4138207 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3937

cttagataac	agagtttagat	ccaggtgtgt	cctggtgtcc	ttctaggctg	agcccctaag	60
acttggtgtg	aatggtttgc	tgctttcctc	catacttaat	tttcctcttt	gttttcatag	120
ataaatatca	ttcagggaat	tgtggcagaa	atcaacacca	agactggtga	atctgaatgc	180
cgctattata	aagagcggct	tctttacttg	gaagaaggcc	agaaagactc	cctgatcgac	240
agctctcgag	tcttgtgttg	tcatggtgaa	ctgaagaaca	atcggggcgt	gaaactgcat	300
gttttcctct	tccaagaagt	gcttgtgata	actcgagccg	tcaccacaaa	tgagcagctt	360
tgtaccagc	tgtaccgtca	gccaatcccc	gtgaaagacc	tctgctgga	agacctccag	420
gatggagaag	tgaggtcggg	tggctccctg	cgaggggcat	tcagcaacaa	tgagagaatt	480
aaaaacttct	tcagagtcag	tttcaaaaat	ggatcccaaa	gtcagaccca	ctcgctacaa	540
gccaatgaca	ctttcaacaa	acagcagtg	cttaactgta	ttcgtcaagc	caaagaaaca	600
gttttgtgtg	ctgccgggca	agctgggggtg	cttgactccg	agggatcggt	cctaaatccc	660
accaccggga	gcagagagct	acagggagaa	acaaaacttg	agcagatgga	ccaatcggac	720
agtgaagtcag	actgtagtat	ggacacgagt	gaggtcagcc	tcgactgtga	gcgcatggaa	780
cagacagact	cttcctgtgg	gaacagcagg	catggtgaaa	gtaacgtctg	acagaagcat	840
gtgcacttcg	ggaagcaggc	ctgcatctta	cctgtacagt	atttgcatte	cacagatgga	900
acggtttgga	gaagcacttt	ttcatacttt	tgtgaaagta	tacatgtttg	cccagttctt	960
cgtatctgta	cctttgtccc	tagtactgta	actgccaatc	tgtctgtgta	agctggaatc	1020
tgtggcaact	attaccctgt	gttgtatttc	ccaagtgtct	ggatggatgg	agaggtaactc	1080
aaacaagtta	ctttcagttg	tctgtctgga	ttttaaaaaa	atagaaaaag	aattctcaaaa	1140
ctactgtttt	acatagattg	tttgaagagt	ccttcctctt	gtgcttctgt	accactttcc	1200
cagctcttag	atgtggtagc	taaaggcacg	gaatttagac	ggccttgtaa	atagggcatg	1260
aggaactcat	ctgtgtattg	ggatgggtatt	agagagagaa	tcaggaaaga	ccaactcatg	1320
aagtgaactt	ggtttgatct	tactcaacta	gaaagcttga	aaacatccct	ggggattctg	1380
aaggcttaat	tttgcaaagg	aggatgcatt	gtctgaactt	tgcaacttca	tccagtgcaa	1440
gtttgatgca	agaatgtatt	aggacataaa	atagaggctg	accttaaaaag	ggccaggaca	1500
gaagcggctg	ccagctctga	atcttttaact	gaaatgcaca	tggcaccagg	aggtgtctct	1560
catagttggt	tgctagccta	aaacatcaga	atagaacca	aagggttag	gaaggcctgc	1620
caggataaca	agaaggccct	gtattcattg	tgtttcatct	gcctaggcct	actcattatt	1680
ttagagaatg	aatgaagcaa	caaggaagag	agaccatgac	tctatcgatg	acactgttta	1740
tagaaacaca	ggagaggaag	aatttggaa	gaaaagcact	tcgtcagaac	cttctgtggg	1800





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aatatatttc atagaaatct agctctctgt accctgaaat cttccactag cctcactttt 1500
caacagagtc atctagaagg gaggggttggc ttcccaaaag cataaccttg accaaaccaa 1560
acaataggca ccagcaatgc tgtcattcag ttatgcagaa gctcatttgt gaaattctgt 1620
ttctctgatt tcttcgcaag tctcttaatg gtcatttgtg ttagattaca tcaaactgat 1680
ggatagccat tggatttcat ctattttaac tctgtgtctt tacatatattg tttatgatgg 1740
ccacagccta aagtacacac ggctgtgact tgattcaaaa gaaaatgtta taagatgcag 1800
taaactaata acagaattat taaaatatat caggctaaaa aaaaaa 1846

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<210> 3940

<211> 1762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(708)

<223> similar to gil890281 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3940

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ggaagcaatt gactgtttaca caaaaggcat ggatgccgat ccatataatc ccgtgttgcc 60
aacgaacaga gcgtcagcat atttttagact gaaaaaattt gctgttgctg agtctgattg 120
taatttagca gttgccttga atagaagcta tacaaggct tattccagac gaggtgctgc 180
tcgattcgct ttgcaaaaat ttaagaggc caaaaagat tatgaaagag tattagaact 240
agaaccaaatt aactttgaag caacaaatga actcaggaaa atcagtcagg ctttagcatc 300
caaagaaaac tcatatccaa aggaagctga catagtgtt aagtcaacag aaggagagcg 360
aaagcaaatt gaagcacac agaataagca gcaggccatt tcagagaaag atcgggggaa 420
tggatttttc aaagagggga aatatgaaag agcaattgaa tgctatactc gagggatagc 480
agcagatggt gctaattgcc ttcttcagc taacagagct atggcctatc tgaagattca 540
gaaatatgaa gaagctgaaa aagactgcac acaagccatt ttattagatg gctcatattc 600
taaagctttt gccagaagag gaactgcaag aacatttttg ggaaagctaa atgaggcaaa 660
acaagatttt gaaactgttt tacttctgga acctggaaat aagcaagcag taactgaact 720
ctccaaaatt aaaaaggaat taattgagaa aggacactgg gatgatgtct ttcttgattc 780
cacacaaaga caaatgttg taaaacccat tgataatcca ccgcatcctg gatcaactaa 840
accactcaag aaggttatta ttgaagaaac tggtaatttg atacagacta ttgatgtgcc 900
agatagcact actgctgctg ctccagagaa taatcctatt aatctagcaa atgtaatagc 960
agccacaggc accacaagta agaagaattc aagccaagat gacctttttc ccacaagtga 1020
tactccaaga gcaaaagtat tgaaaataga agaagtcagt gatacttcat ccctgcaacc 1080
tcaagccagt ttgaagcagg atgtatgtca gtcttacagc gagaaaatgc ccatagagat 1140
agaacaaaaa cctgctcagt ttgccacaac tgttcttctt ccaattcctg caaactcggt 1200
ccagctcgaa tctgatttca gacaattgaa aagttctcca gatatgttgt atcagtattt 1260
aaagcaaatt gaaccatctt tgtatcctaa gttgtttcag aaaaatctgg atccagatgt 1320
attcaaccag atcgttaaaa ttctgcatga cttttacatt gagaaagaaa agccattact 1380
catctttgaa atcttacaaa gactttctga actaaaaagg tttgatattg cagtgatgtt 1440
tatgtcagaa acagagaaaa agattgcacg tgcattattt aatcacatag acaagtcagg 1500
attgaaggat agttctgtcg aagaactcaa gaaaagatac ggtgggttgat ttccattttt 1560
gctgaaataa ttgtttttga ctttcatatg taaatttttt tctactgaaa gtgttttgct 1620
ttttaagaaa atgaaattat atagcaggaa aggactatct ttgaacataa gttaattaac 1680
tataaggtga attgtgattt aactagttag aattgaattc cacgtgaact ctgtttttct 1740
gaaaataata atcccaatg ag 1762

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<210> 3941  
 <211> 1428  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1431)...(1137)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00710" 22.88460

<400> 3941  
 tttttttttt ttttttttta ccggtggagc tgtttaagcc aaggagttgt ggagatctct 60  
 gtgatgatcc aaaatctgga ctaatataaa atcaactctg atgctaatta aatctgactt 120  
 ataacttgct tgctaaaaga aattataaca ggaaactttg gtgactggta aggaatgttg 180  
 aaaagggaaa atcagaagga aaaacctggt tcataagaag gaaggaaata ttggtccaag 240  
 cacgtcaagg gctctaagta aaaaccgatg gcactacaat tccacataat ccattacatt 300  
 tggaaaaaga agctcctggt agacacaggg cctctttggg atattgttct ttgttctgat 360  
 tctgtgctca ccaggaaaca aatttcatct ccgtaggggg cccgtccttc agtaggaatg 420  
 gcctgctcc taggttcttg gctcacttgc caagactaca atagcactcg cgtttatcag 480  
 ttatgcttgt gtgaagctgg ttattgcaat tcattgttct caaaatactt tcatgaaaag 540  
 cctgacctga gaaaaagcct tctctgtaat catattaatt agaacataaa tgtctacttt 600  
 gccataatta tacaagagc ccaaatgggc aattaactcc agttgggtgc ttctctctga 660  
 gccttacttg ccagctctta ttacgcgatt ccagagagag tcaacctgga tggagtttgt 720  
 cccctaaata aatgtagcga taaagaaaag ggtgctccaa atcagtttca tcagaatgat 780  
 aaggtagagt actgcagcca tgtctgcaat agcacttcaa ttttactttt ttttcccta 840  
 gcatgtcctt aagcattttc tccccagett ttcacaatct ttcttctaag gctgtaatgt 900  
 cttacatcct taatagcat gattagattt ctcccaaatt ttccaaatta actttctttc 960  
 aatgtaacca aaacaaaacc atggcataca gtaaaactaaa agggtagaca ggagagaaag 1020  
 gttgctgcaa gtacagaaaa tttagaaatc agcctttacc agttacatct gagacaaggt 1080  
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 acaaaaaatt agctgggcgc ggcagtgtgt gcctgtagtt ccagctactc gggaggctga 1320  
 ggcaggagaa ttgctttaac cccggaggca aaggtttcaa ttaaccctaa ttgggccctt 1380  
 gcactccagc ctgggggaag gagttagatt ccgtttccaa aaaaaaaaa 1428

<210> 3942  
 <211> 983  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(267)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3942

cgtcagtggc	gtgatctcgg	ttcactgcaa	gctccgcgtc	cgggggttcac	gccattctcc	60
tgcctcagcc	tcccgggtgg	ctgggactac	aggcaccac	caccacgccc	ggctagtttt	120
tgggtgtttt	agtagagacg	gggttttact	gtgttagcca	ggatggtctc	gatctcctga	180
cctcatgac	cgcccacctt	ggcctcccaa	agtgtcggga	ttacaggcat	gagccaccgt	240
gcccagccgc	gtgtggtttt	caattgttac	cagcaatcat	gacctttcat	ggactccaca	300
gcattagaag	aacaacgttt	atggccttca	agaactttca	gggtgaagct	atttctctag	360
gatcagcttt	tcatgtggca	gtagccttgg	gcctgtcaca	gccctgtatc	ttatcttctc	420
accaaccctg	gttttagttt	caacagacag	aaatttgagc	cagaagaaat	ggatgtcact	480
acacagttca	cccctgacat	ctgtgatagt	gtatgttatc	actgacatgt	tctcattcaa	540
actatgttat	aagagcaagg	agaaagaagt	aagaaaaatt	tgctatcatg	tagaaaattc	600
tggggaacct	caaataactc	actttatatt	tagcaggagt	ttatgcttca	gagatcatct	660
gtccctgcaa	tagacatttt	atcatggtaa	gggtgtggtc	agcaatagaa	aactatgatc	720
tcagcagaag	tccctctacc	accccatagc	ttagtaattt	tcttaccac	agctagctga	780
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tttctccctt	cttcacttac	aattctttct	ttcaaccact	ggtagcactg	gggaaaagca	900
taacattgaa	atgttaatgt	ctggtaaaga	tctgatgtca	aagaatggta	attcaataaa	960
atatgtgaac	ctcaaaaaaa	aaa				983

<210> 3943

<211> 3603

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1794)

<223> similar to gi202864 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3943

ttatgagaat	ggtgaagaaa	ttgtccattg	cgaattagct	gcctataggc	gaaactctgg	60
gctgctggaa	tgtgatttgt	tcagataaaa	ctggaacact	gacgaagaat	gaaatgactg	120
ttactcacat	atttacttca	gatggctctg	atgctgaggt	tactggagtt	ggctataatc	180
aatttgggga	agtgatttgt	gatgggtgatg	ttgttcatgg	attctataac	ccagctgttta	240
gcagaattgt	tgaggcgggc	tgtgtgtgca	atgatgctgt	aattagaaac	aatactctaa	300
tggggaagcc	aacagaagg	gccttaattg	ctcttgcaat	gaagatgggt	cttgatggac	360
ttcaacaaga	ctacatcaga	aaagctgaat	acccttttag	ctctgagcaa	aagtggatgg	420
ctgttaagt	tgtacaccga	acacagcagg	acagaccaga	gatttgtttt	atgaaaggtg	480
cttacgaaca	agtaattaag	tactgtacta	cataccagag	caaagggcag	accttgacac	540
ttactcagca	gcagagagat	gtgtaccaac	aagagaaggc	acgcatgggc	tcagcgggac	600
tcagagttct	tgctttggct	tctggtcctg	aactgggaca	gctgacattt	cttggcttgg	660
tgggaatcat	tgatccacct	agaactgggt	tgaaagaagc	tgttacaaca	ctcattgcct	720
caggagtatc	aataaaaaatg	attactggag	attcacagga	gactgcagtt	gcaatcgcca	780

gtcgtctggg	attgtattcc	aaaacttccc	agtcagtctc	aggagaagaa	atagatgcaa	840
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caaggcacia	gatgaaaatt	attaagtcgc	tacagaagaa	cggttcagtt	gtagccatga	960
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gccagactgg	tacagatggt	tgcaaagagg	cagcagacat	gatcctagt	gatgatgatt	1080
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tcgttagatt	ccagctgagc	acgagtatag	cagcattaac	tttaattctca	ttggctacat	1200
taatgaactt	tcctaatacct	ctcaatgcc	tgcagatttt	gtggatcaat	attattatgg	1260
atggaccccc	agctcagagc	cttggagtag	aaccagtgg	taaagatgtc	attcgtaaac	1320
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atgcactaag	ttccagatcc	cagaccaagt	ctgtgtttga	gattggactc	tgcagtaata	1560
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aacagtacaa	atacactatc	tatcttagat	agatatattt	ttttttattt	ttaaatattg	2160
tactatttat	ggtggtgggg	ctttcttact	aatacacaaa	taaatttaat	catttcaaag	2220
gcattctatt	tggtttagaa	gttgattccc	aggagtgcc	tatttcagct	actgtatttc	2280
ctttttcttg	taatgtaagc	agctcagata	ccatgtgcta	tcattttttg	atcaagtttt	2340
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gcctagattt	tagcacaac	ctgagtatat	ctcttctact	ttcatcatgt	gttctgtacc	2940
ttctttttgt	ttcattgggc	atgctaggga	aatagggtgga	ttttgtgtgt	aatgccatca	3000
gtttttatga	aagcttgatg	aggtatagg	catttggttt	gagtatgtgg	gccagaaatt	3060
taaaattaga	aatttggttt	tctgttgagt	atataaaca	aaattgggtc	caattctaac	3120
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gttagatgga	acatggaagc	cattgtctaa	tcaactctat	cattagtgc	ttgatgtctc	3420
ataccttaat	tttgtaatga	tttttattct	ctgttacaaa	gacttgaaat	acgtattaaa	3480
tgacggttaa	tgttttgctt	tgcattttag	gttcacctta	tgacttgatt	gaaataaatg	3540
tgccatata	ttcatttgct	ttgtactata	aaaataaaaa	tgatttctta	agttaaaaaa	3600
aaa						3603

- <210> 3944
- <211> 2901
- <212> DNA
- <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2842)...(1711)  
 <223> similar to gi3881075 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3944

acaggcatac	agcagaatcc	agacagagta	tatagtagcg	aaaaagatgg	gagaatatga	60
agaacaaagt	ctattttaac	attaattatg	gctataataa	cccttatgag	gaaatactgg	120
tgagcaggat	aaagtgatat	tgaaaagaaa	aaaaggaaaa	ctcctcaaaa	cacaataaag	180
catattctaa	cagggtttttg	aaaaagttgc	aagcctttta	attcattgac	ctcttttgac	240
tgattggaat	ttttaccatt	ctgtacactc	tgaattataa	ctaaacaact	acatgttact	300
gacaaatttg	tgattctttg	agtctaaaca	acacagaaac	tagaagatcc	ctttcctaga	360
tttatatact	tgattttctt	ataaaaaata	cttcagttat	tatgtcaata	tttatctgaa	420
aaaggcagcc	ctctgacagt	aaactagtaa	ctggaataac	tacagtatca	ttataagcta	480
caataaaaca	acctgtaaag	taatttttcc	tatttgaata	ataaatagac	tggacaggag	540
tgaaaaacca	aaactatgaa	agaaaaaccc	aatgtaaata	aaggatacag	gtcaaaacaa	600
agttcagaag	gcaaatatgt	aaatattaga	tgcctcaaaa	atcaactatc	agtgggaaaa	660
tttctatgaa	agcaatttca	gaaaatacat	gaacacatat	atctttaaaa	tatagaactc	720
taaataacttg	ataacatatt	taggatactc	tacaatgccc	agttaattgc	tataattttt	780
ttccctcagg	ttttcctgga	tgatacagca	aactacagaa	tttgtgcact	tactgttgct	840
caaatttgtg	tacttactgt	gtgcacatat	actgctgcac	tgtttctcgg	ctgtgaaaaa	900
ttaaaagcat	tttttcaacc	tttgagaagg	aaagaaaaca	atgaagaatc	tcctcataat	960
aatacagcat	aacagggttt	gtttactgtg	ccacatcatg	ggtgttttta	aaacgaaata	1020
taaatatatg	gttagggata	gcatttttag	gagaacaagt	gaccaaaaac	taagttacct	1080
cttttcaggt	cagccaaaaa	acgtgaaggg	aaagtggact	ttatacaact	tagacattta	1140
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agggggacag	caatctatgg	tccatggact	gaatccagcc	tacttttgta	tggctctgag	1260
ctaagaatcg	ttttaatatt	ttttaagggt	tgttaaaagc	aaataacaaa	gaatacatga	1320
tgactctatt	cttgttctca	tgtgtgaacc	atatattata	gcctgcaaag	tctaaaatat	1380
ttataaaccg	gccctttaca	gaaaaagttt	gcagaccctt	cttttacacc	agtgtcttag	1440
ataattctgg	cagtacaact	gcaagtctaa	gataatgttc	attcattccc	atcataaatg	1500
taacattcta	aataggtgtc	ttctgatgtc	atctgtcaga	atttctttta	aactttttct	1560
tcatcttcaa	cattatcaaa	gttcacacct	attcctcttg	ccttgatttc	ggagagtttc	1620
caatttttca	cttattaagg	cagcgattgc	ttttgcatct	ctggatttta	tctgtctctc	1680
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cccagctttc	tggcatgtct	gagcataagc	ctgacagtct	acttttccag	ctttcacttt	1800
tcctttaatc	atcctagcca	agagctcaaa	ttctggagca	aaattctggc	aagggtccaca	1860
ccaaggagca	tagaaatcaa	tcacccaatg	atttttccct	tgtagaactt	tttcaactgaa	1920
agtctgaggt	gttagatctg	tgataacttg	aggtaaaaaat	cctagacccc	agattctcag	1980
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atactgttgg	caatctatac	tgcccacgtt	gatcagtcga	gttaatgtcc	gggccattct	2160
tttccattct	ggcattaaga	cttggcaagg	atgacaccac	ggagaataga	aatcaaccat	2220
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gaccactgaa	ggattcataa	gatcctctat	gaactccaag	atttgttcag	cagagtgatg	2340
tccttcatac	tcatgaatgt	tggactggtt	gaataccact	gttggttgat	aagcctgaat	2400
gttatacatg	ttacagagtc	cctcatgaac	tgtacaatct	agtgtaccaa	acttaagctg	2460
accataaaga	agatttgatg	ctcttcgtaa	ctctggtagt	aaagctcgac	atgggtggaca	2520
ccagggggca	aagaaatcaa	caagccatgg	ttctttgtca	ttggcaggaa	aattttgagg	2580
tccaagcgtg	gtaacatgag	aattcacact	ttctttggca	aaggcaagta	tatcatatag	2640
aatcttcttt	ccatgatgaa	tttcatatct	tttggttcct	tgtcctttta	atactgctag	2700
agacggctga	aaaacataca	gattactaca	gatgtctggt	gcagaggaac	agtcaaacct	2760

094833E 03400

```

gccaacctaa aggagaaaaa ggtcaaattt gataaaaaaca ctgtcttacc catttgattt 2820
gtaaatattc atgataatcc aaaaatggca ctgccctaat gacacagttt ttaaacagaa 2880
gctaataggc tacgaaaata a                                     2901

```

```

<210> 3945
<211> 930
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (346)...(64)
<223> similar to gil065459 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3945
ggacgtgctg ccgagtagtc ccggtatagc gaagcagcga tggcggagag tccgactgag 60
gaggcggcaa cggcggggcg cggggcgggc ggccccgggg cgagcagcgt tgctggtggt 120
gttggcgtta gcggcagcgg cggcgggttc gggccgcctt tcctgccgga tgtgtgggcg 180
gcggcggcgg cagcggggcg ggccgggggc ccggggagcg gcctggctac gctgcccggg 240
ctccccccct cagccgctgt ccacgggggc gcgctgctta tccactgaga cccacgctc 300
agctccgact gggacggcga gcgcaccgcg ccgcagtgtc tactccggat caagcgggat 360
atcatgtcca ttataagga gcctcctcca ggaatgttcg ttgtacctga tactgttgac 420
atgactaaga ttcatgcatt gatcacaggc ccatttgaca ctcttatga aggggggttc 480
ttctgttcg tgtttcggcg tccgcccgcac tatcccatcc acccacctcg ggtcaaactg 540
atgacaacgg gcaataacac agtgagggtt aacccccact tctacegcaa tgggaaagtc 600
tgcttgagta ttctagggta agaggagact tttaagtagc caagtccggt gttagcagat 660
aattactcta ggtcagcctt tatcaaccgg agtccctcat ctgaactaca gaacacagaa 720
aatgattgag tgactcttct caaatctcct caggatggta tgtgactagt atcattctag 780
atgcagaggg gagaagttaa tttattacag tggtaacctt tgagaagtgg ttctcttaag 840
agtgtggccc tgagcatctg ggaacttgta gccgagcagt ttctgggggc ctatcttaga 900
cctacaaaag aaactcatgg ggttggggcc                                     930

```

```

<210> 3946
<211> 2722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2723)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2722)...(1575)

```

<223> similar to gi3387942 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3946

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ttctccttta	taagcttaga	gattgctttg	gtggtcaagt	gcagggcggc	tgggggaggt	120
aagaccttca	ggaaggccat	atcccggaca	agaccagaa	gggaagcccc	cagagccaag	180
ggtaggaggg	ccccacccgg	gtctcagcca	ctcacttctc	cagggcggat	ccgagacact	240
cacaggcctc	agggaggggc	caggtgctgc	tcctgggtcat	tgcttcccc	acaaggtttg	300
catgaggagc	agagacagtc	cagtctcctg	aacaccaca	gggcacagag	cccagtgcag	360
ggggcagaca	ccaccgcagc	tcctgggacc	aagagggaagc	tcccagaggg	gggcccagga	420
acgctggggg	gggtggacag	ggctgggtag	gggttccttc	tgggccaaac	ccccagagca	480
gcagagcacc	ccagtccaag	gaagctcttc	tcagggaccc	aaggctccag	agccaggaaa	540
aaggaggggg	cggggcgagg	gcctgcatcc	ccagtgccca	tcagctctgg	gggaaacctc	600
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ctggcatcag	ggccacacag	gggccaggag	caggggtctc	ggagtccaca	gctcccggcc	720
ccagtgggtg	gctcagggct	cctgggcggc	atgggtctca	ccacagcctc	gccagggaac	780
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gccccaccct	cgcacaggca	cctgtggtct	ccaagtaacc	aagcccaggc	cccaggggcc	900
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ctccaccac	gccagcctgc	cttgacagctg	cagctggcat	acaggtagct	gtgtctgcgg	1920
agcaggaggc	actggccata	gggtccacaa	tcgttcaaac	agggcaccag	gtacaagggtg	1980
gtctccacgt	ggaccacagc	ctgctcacag	tcctcagcat	tctcagggca	catgagctgc	2040
agggagaggt	accagttgtc	tgtctctggg	taggggatga	tgaggttggc	cctgcgagac	2100
caggcgctca	gagacaaagg	gtagccctgg	aagaaggctg	tgggtgcagtt	gagcgaagta	2160
ttgaagccaa	ggaagggcga	ggcagcattc	acgcaggcca	ctacgacggt	ctcgttccgc	2220
atctctgtct	tgttggcccc	caggggagatg	gtgagggaac	ccccgctgtc	catgccggtg	2280
ttcaggcgca	gccgcacac	ggaggcgctg	tccgaacaca	ccctcaccga	gaccctgtcc	2340
aggggctgga	agtgcaccga	caccacgtcc	atgtcctccc	gcgtgactgg	gtagtttgtg	2400
aggcagaagg	ggctgcggtc	cacctgccca	ctcctgccca	ggctcctggtg	gtcggggctc	2460
ggggacagca	gaccagagga	ggcattgaag	ctctggtttt	ggctgctctg	cagaaggggc	2520
tggatggtca	cgtctcggtg	cctgcaagct	gtgagggcag	ctacagcact	gaaagccact	2580
gtcccagggg	gccccaccag	gctctcagct	gtcacttgca	gccaccggga	cgctggggcg	2640
cacgcgtggg	tcttcccnna	ttncgnngnt	ttcgaaaggc	ntcagtnnn	gnnnntcgag	2700
tggattcagg	taaaaccccc	ga				2722

007270"5348460

<210> 3947  
 <211> 1037  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (987)...(415)  
 <223> similar to gi579930 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3947  
 caaaaaaaaa tattaacttg ccagcccccg gcccttaaat ttgatcccct taaacggccc 60  
 cccctttttt ttttttttg cggtttccac acctgccctt tattggcttc ttctagcaga 120  
 gtggctccag gcccttcacg cctctcagac accacccatg agggtttagg aagggtgcat 180  
 cattctgtga aggccagag cttacccaag tcttgagacc caagttgaat caccaaccag 240  
 agggttggga gagggaaagg aaacaggcag aggggaaagg caaggctctg cagtgaaggg 300  
 gactgatatc aagggaatgc tgagggtccag cagtgtctcc tgaaggcatg ctgcatccta 360  
 aggctcctca ggactggatg gagtaggaga tctgtgtgtt gagcagttca catctatatg 420  
 gcaactttaa ggaggcgctt gatgtcaggc tcaatgttga tggttgggaa ggtgcggctg 480  
 tagcgtcgga agggctctcc ctccggccct atgaggaact tctcaaagtt ccaggccaca 540  
 tctgagcggc gcacagggct ccaaatgatg agcttgggat cggtcattgag ggaaaatggg 600  
 tcatcataag ggtaggggag cttgtccttc aggtaggcga agacaggatg ctcgttctgc 660  
 ccattcacct cacatttttg gacaagggtg aagggtgggt ggtatccacc cccaggacgg 720  
 acatacttga gactgttcag gatctcctca ttctgacagt tctcctgatg tccaaattgg 780  
 ttgcaaggga agccaaggac caccaggcgc ctgggaaagc ggcatcgcag ctcgttgagc 840  
 tgggtgaagt cccgggtggt tgtgcctcag agcgaagcca cattctcaat cagcacggcc 900  
 ctgccccgga acgtattgaa atctaccttc tccccatcca ggctgatggc actgaggtca 960  
 tagaaggact tggcaatgaa agccatggtg aagcgcagag tgagccccgc agagaggcct 1020  
 gagccactt atgagcg 1037

<210> 3948  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (39)...(217)  
 <223> similar to gil90372 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3948
gctgcgagaa gacgacagaa ggggattatg gtgtggagga agaggaggag gaagaataag    60
gtgatggtga ggaataggat ggagatgaag atgaggaagc tgagtcagct acgggcaagc    120
gggcacctga agatgatgag gatgacgatg tcgataccaa gaagcacaag accgacgagg    180
atgactagac agcaaaaaag gaaaagttaa actnnnnnnn nnnngggcggc cgggacctat    240
tcaccttcca cttccgggggt aaaaatctaa actgggtcac cttcaagaaa agaggccccgc    300
ccgcccaccg gggccagagc cccccgaaaa agacccgcgc ttttcacccc ccaccctaaa    360
ccatgagaat ttgcaacagg ggaggaaaaga agagcccaaa cttccg                    406

```

```

<210> 3949
<211> 567
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (49)...(424)
<223> similar to gi189498 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3949
gaccgcactg gaaattccgg gccgacgtct gcgagaagac gacagaaggg catgcccagc    60
agcctggccc accgcatcgc tgcccagacc ctgctgggga cggccaagat gctgctgcac    120
gagggccaac acccagccca gctgcgctca gacgtgtgca ccccgggtgg caccaccatc    180
tatggactcc acgccctgga gcagggcggg ctgcgagcag ccaccatgag cgccgtggag    240
gctgccacct gccgggcca aaggctcagc agaaagtagg ctgggctctg gccatccttt    300
cctgcctctg tgcccctgcc tctccctgtg tcccctcccc tgaggactgc ggctccctcc    360
ctcctgcatg agggctcct actgctcctt ccccccttgc acagggaaat gcagggggca    420
ggacttggga ggttccagca ggcgggggag ccccgaccag tggggacact cctccctccc    480
cagtgcagcag aagggcaccg tgggtggtggc tctgcccctt gctgcagtga gcccaccttg    540
ctgcaacatt gggtctgagg ggcccaa                    567

```

```

<210> 3950
<211> 1653
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(426)
<223> similar to gi5104682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<400>	3950						
gcggccgcgcg	cctccgctct	gagccccgcc	ccgctcggcc	gccgattgct	cgggcctggc		60
cgccagcgcc	aggggccgat	ggccgagcgc	gtcgactcg	cgccctgcg	ccgtgcctgc		120
ctcgcgctcc	ctgttacggc	gttcgtcccc	gggcctggcg	cccgcgtccg	gcccggctcc		180
gcggcggcct	ggtccgatgg	ctcctcagcg	gagggccgca	accaaggcgc	ccgagggcaa		240
cggagcggcc	gagcgccgga	accggagcag	caccaagaag	gaccgagccc	cgcgggaggt		300
gcagaggctg	tggcagaggc	cgtggctaag	gaccgcgggc	ctgggggctg	gcttttgtgt		360
caccgcactc	ctgctctgga	gcagcttggg	ggccgacgac	ggggtcgag	aggtcctggc		420
ccgccgtggc	gaggtcgtgg	cagggagatt	catcgagggt	ccctgctctg	aggactacga		480
cagtaccgc	aggttcgaag	gctgcactcc	ccgaaagtgc	ggcagagggt	tcaccgatgt		540
cgtcatcacc	agggaggaag	cggagcggat	tcgcagcgta	gctgaaaagg	ggctctccct		600
gggaggatct	gacggagggg	catccattct	ggacttgcac	tcagggggccc	tgtctgtcgg		660
gaagcacttt	gtgaacctgt	acagatactt	cggggataaaa	atacagaaca	tcttctcaga		720
ggaggacttc	cggttatatac	gggagggtgcg	gcagaagggtc	cagctcacca	ttgtctgaggc		780
ttttggcatc	agcgcatacct	cgctgcatct	gaccaagccc	accttcttct	ccgcataaaa		840
cagcacggaa	gcgcggacgg	cgcacgacga	gtactggcat	gcgcacgtgg	acaagggtgac		900
ctacggctcc	ttcgactaca	cctcgctgct	gtacctctcc	aactacctgg	aggacttcgg		960
cggagggcgg	ttcatgttca	tggaggaggg	tgccaacaag	acggtggagc	cgagagctgg		1020
atgtttttgt	ttccggatga	tgtcttgtgg	gttccaagaa	gttaatggac	cgagagccag		1080
tgaagctgct	ggtgcgaagg	ctggagtcag	gtgtcctccg	gggactcacc	accgcgccga		1140
gaggggagag	acacatgcga	ttctggaagc	tgagagcatt	gcttattgtt	gattccttgg		1200
ttgccgtgct	gagtcctgct	ttaaggaagc	aggtcgcgct	tccttcttca	cctcgggggtc		1260
cgagaacctta	caccgcgtgg	agaaggcca	ctggggcacc	cgttacgcca	ttaccatcgc		1320
cttcagctgc	aaccccagacc	atggcatcga	ggaccacgcg	ttcccgtagc	cagcagccgg		1380
gccaaagta	cttcaggagg	gcccgtgtgg	aggcagccgc	gccagtcgtg	caccaccccc		1440
cacgtccacc	cgctcaggtt	gcacagatgg	ccttaggaat	tctctgattt	tgatttgtctg		1500
acgtgttaat	cttttcatct	gtgagtaaat	gaagggaacc	agctttttcac	ttctccagca		1560
tcatgtgtgc	ttgggctgta	ggcctgggag	cctgagggtg	aggccaggaa	agggacccag		1620
caggacgggg	cacaagtccc	catctgtgaa	tgg				1653

```
<210> 3951
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (749)...(547)
<223> similar to gi607947 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3951						
tttttttgat	ttataaacat	ttttaatgac	tgtgttaaaa	aaccatcata	caaaaagaaa		60
agaaagttgt	tttcaactta	aaaaaaatcc	ttatataatg	taccactcat	ctgggatatg		120
cttctggggag	ggggacactc	cctgcttggg	ctgcagcaga	aggcagtggg	gagaaagtct		180
taaagtttctg	ggagtcaggc	tagccccctcc	tgcaggtgtc	ctcattgccca	cttcttgggtc		240
cctgggggtca	agggttaaag	gtgccaaaag	accactgat	cgaacctgag	actgttgaga		300
tgtcctgttc	ccaacagaga	gtatctgaac	tccagaaact	tccctctcag	gcctccactc		360
ccccctcctt	tgtactgtgc	atcctactct	gacttcctgtg	gctggggcag	atcaaagtga		420



<210> 3953  
 <211> 1790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1791)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1759)...(1283)  
 <223> similar to gi3650031 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3953

ttttggtatc	tgcacacaaa	tgtggtgcat	gacagtaact	gatgatgtag	acacatgggc	60
cctttgggag	ctgatatttt	tttcaaccct	gctctgcctg	ttggctagta	gacacacgag	120
tcaaattcttt	ctacctaaag	gcatagttgg	gttcttgga	taagtacac	ataggagaag	180
tcggatctga	gctcttttgt	cacacaagt	ctaacgaaca	gaaaatgagc	cacgacagtt	240
aaacactgaa	tggatcgcaa	tgtgcttttc	ccttggtttc	ccataaaaac	gaaaatgaaa	300
caccttgtgc	aaaaaaatag	gatacgcttt	tactggttgg	tttaatgaga	gagaaccact	360
tttggccatt	atcaccttac	gttactacaa	atcctgaaag	gaaagcagct	ttgagtcttg	420
ggctcggtcg	aacccccctg	atggaccggg	gctaacagta	ccctctatga	ctccacaggg	480
tctctctttg	tgtccagatg	gatggcgact	gtgagtcagc	aacgccagcc	aagacttcct	540
cgcctttacc	gtggcattgg	ggcagttttt	caggctctct	acggagagag	aagtgggcca	600
gtaagggaga	gggctagaga	gaggacacca	gtttacatag	ggttgacttt	cacttgtgtg	660
tagtagcagt	tcagaattta	aaagaaattt	ccttgcagaa	agaatgtctt	cctcttggcc	720
cctcttaatt	ttttatgttt	ttatttattt	ttaatctttg	gcagcataga	actgattgtg	780
gtcctccgat	gcatttctgg	tgtcgagAAC	ttcctttctc	aacctcccct	tcccccatag	840
ccatccccac	aagctgtccc	atcaaggaat	atttcagggtg	taaactgaat	atgccacgag	900
gcctcctctt	catgaagtgc	ttggttggcc	tacgtatggg	tggcaggctg	gacacagctg	960
aatcgtcttt	ctgggtcacc	ctgtaaccca	agtccccctt	cccgttctct	cccaacgcta	1020
cttatccgca	ggaattggat	gccggctggc	ccccctgatg	gttcctggcc	taggggctgt	1080
catggcagag	ggaagccacc	aaggtgccat	tgaggattgg	tgtctggctc	tctatgggca	1140
agagcgccag	gggacacaca	gtgggaccgg	aaccttccag	aatgtctcct	cagtcagggt	1200
ttcaaggggg	agggaatgcg	gagacaggag	aaaaaaagt	ctgagggcca	aagctggtgc	1260
aggggtgacg	tgcgtctggg	taaggcaaat	gagaggcagt	gaggtgatct	cagaatggcg	1320
ttgaggcggt	cagattaggc	cgggctggct	cacacgaggg	tcccgggctt	ggctttttcc	1380
tgcccgctacc	actggacatc	agctagtctt	ggatagaggg	aggaatccag	gaaacagcta	1440
tcatgtagc	tcccagtctg	ccagggttagg	atgtgtgggg	ggctgcttgg	gggggtggct	1500
ccaatttcac	ttgacgggtg	cgagcttctc	tggcttttag	gtaaggcagc	tgacgtggcc	1560
ttgcacatct	ggggcatcct	ggtgaccctg	ctgtgcgcca	cgaagggtgct	ctgggaggag	1620
gtgctgtact	gcgagccgct	gtccgaggag	gtggagctgg	tgtgcgacag	gcggctgtgc	1680
tccttgtgcg	aggcggtgga	acgctggtac	cactggcgca	gctcgtctga	gacggcggtc	1740
cgtgccgaat	tcctgcagcg	ctggtcaatg	cnngtcaatn	cncggtcctt		1790

**SECRET**

**SECRET**

2007  
2008  
2009  
2010

tagtcccagt	gttcggttgg	agataaat	attccaacaa	tcctcaggtc	tgtggatg	540
tagagtgtaa	atctggtgag	tcagatgggc	tcctacagca	cccagggcag	cgtagtaggg	600
agcagtctgt	ccactgttca	caccactag	gctcagtgcc	cccagcattg	caacactgaa	660
gccgctgagc	cacggcttgg	tattttctcc	gaaccgcaga	gccgttgact	taagaccaat	720
caaaacatca	tctcttttgt	cctgatgggc	ataaatagtg	tcatatatta	gtgtccacat	780
aactccagaa	aaataaagag	gcaggcaaac	agatggatca	caggaaccct	tgatagcaga	840
ccatccaagt	aacgctcccc	aattaaatgt	caagcccaag	gctagttgag	gccagtatga	900
aattcttttc	attagtgggt	aggtgatgac	aagaagtaag	gatcctgctc	ccagagctat	960
actgtagttg						970

<210> 3956  
 <211> 896  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (319)...(349)  
 <223> similar to gi3874290 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3956	
actcagccaa	aaaaaaataa
ggccccatta	agtgaagtta
gtgggagata	aaccaatgtg
gagccttcaa	aggtggggag
tatactat	gggtgagggt
taataaaagt	gacataaatc
cagaagctga	attctagatg
atctcaaaat	ttaacaatag
cgtcttttta	aatatccaag
gattagtgg	tactcatcca
atgaggtttt	ctgtaggatg
ttctgcacaa	tctcttttagt
gacacaatcc	actttccacc
ttatgaccag	tgtatgtttt
ttgtccaaag	ttgcagtgag
tgaaatctta	tcttttgcaa
atgatacaga	aagtccaaaa
taccacctgg	acgtggagag
tggggtgaga	gatggggaaa
atactaagcc	cagatttcac
cataaaaaatt	acaaaaagtt
actatctcat	tttgtaa
acaattttta	aaataccaaa
aacttggtc	tactacttga
gagatcacia	catctgtatg
caa	ccaggttatc
aaatgtaaa	atatgcaata
aatcccatag	tttaagagt
cctcaa	ataggtctc
ataggtctc	atggg
ggacctggga	60
tcctccataa	120
tagaccacta	180
gggtacaatg	240
tatatccctg	300
gattggtagt	360
tagtgtatga	420
taaaagaaac	480
ttttcaaagg	540
tgctgatgcg	600
gccttgtaat	660
ctcggaacca	720
tttctcattc	780
ataggtctc	840
atggg	896

<210> 3957  
 <211> 1121  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (489)...(782)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3957

tcgggtgcag	accaccagat	cacacagtgg	gaccttggca	agtggagcgg	gaccctgagg	60
cgggcgacgt	ggaggccgac	cccggactgg	ccgacctccc	gcagcagctg	ctgttcgtgc	120
accagggcga	gaccgagctg	aaggagctgc	actggcaccc	gcagtgccca	gggctcctgg	180
tcagcacggc	gctgtcaggc	ttcaccatct	tccgcaccat	cagcgtctga	ggcgtcccac	240
tggctctgat	cttgcttcct	gcttggaaac	tgaagtcgaa	ttgggctccc	ctggaagggg	300
ttcattcagg	tctgttgact	gagactggcc	ggcctgtggg	ctgccgtgat	ggattctgtt	360
tgacgtattg	ttctctagaa	ggcctggctc	tgatccagtg	acccctctca	ccaaagaact	420
cggtttaacc	agggctctgt	aagaccactc	ccaccagag	acttgtgtgg	cctgggtgtg	480
cctgtgtgtc	ggattccttc	ctgtcagctg	tgacctattt	gacctgtgtc	cccagaaccc	540
agttttttgt	ttgtttgttt	gagacggagt	cttgggtctgt	cgcccaggct	ggagtgcagt	600
agcacgatct	tggctcactg	caacctccgc	ctcctggggt	aaagtgattc	tctcagctca	660
gtctcccagg	tagctgggat	tacaggcatg	tgccaccaca	ccccgttaat	ttttgtattt	720
ttagtagaga	cggggtttca	ccatgtttggc	caggctgggtc	tcaaattctt	gatctcaagt	780
gatctgtccg	ccccggcctc	ccagagtgtc	gggttgggat	tacaggcgtg	agccaccgcg	840
tccggctcag	gaccagattt	tggctgctgg	ttcccagcag	gggactcggg	ggatatacag	900
tggtgtcacc	aaattggagg	tgtgggttcc	tccaacacaa	tttgcttctg	cccgttgtct	960
tcctgccage	tgggttttggc	caggattttct	ccgtgtgggg	gctacatgcg	accctctccc	1020
ctcctccctg	acttttagagg	ctgggtgctgt	gtcgggagga	aggtcagggc	tcctgagcag	1080
caataaagga	ccaggaagag	gcctgaggtg	taaaaaaaaa	a		1121

<210> 3958

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (285)...(561)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3958

caagcagtgt	aaattaaaaa	actacattga	gatacatcat	agtgaatatg	caaaacatca	60
ataataaaaa	gaaaaacctt	aaaggcagct	ttaacagtat	actgaatgac	caatatactc	120
agcagccaca	gaacctctat	tctttttaaag	catccatggg	acatttatag	aaattgacta	180
tgacttgga	tataagcata	tgcaataaaa	tttcaaata	ctgaaacat	atgagtatat	240
tcttttgcca	caacacaatt	aggctagaaa	tgaacaacaa	aaagataaca	ggaaaatctc	300
tatatatcag	aaattaagag	atgcacttat	ttattttttg	ttttttggga	gggagtctca	360
ctctatcacc	cgtgcagtgg	cacgatcttg	gctcactgca	acctctgcct	cttggggttca	420
agtgattctc	ctgtatcagc	ctcccaagga	gctaggatta	caggcgtgtg	ccaccatacc	480
cagctaattt	ttgtattttt	attagagatg	ggatttcacc	atgttggcca	tgctggtctc	540
aaactcctga	cctcaaata	tctgccagcc	tcagcctccc	aaaatgctgg	gattacagat	600
gaagagatac	acttctaagt	aatctatatg	tcaagtaaga	caaatgaaa	ttagaaaata	660

tttttaagtc	aatgatatta	aaccatacta	cacatcaaaa	cttgtgggat	gcacttaaag	720
cagcatgtag	agggagatta	tattcataaa	tgcttatggt	agaaaagaag	gaagtctgta	780
cattatgtag	ctatgcaccc	atctaaagaa	gtaggaaaa	tgacatcaag	tagaacatca	840
aaagaaagaa	ggaaaggata	acttaaaaca	gaaatgaatg	aaataaaacc	agaatagaag	900
agacgatcta	caaataccaaa	agttggtttg	ttgaaaatac	tagtagagct	gacatacctg	960
tggtgagact	gatggaaata	atgcagttac	aactaaccaa	tatcataatt	ggaaaggaaa	1020
tcactatagg	tgctgtaaaa	attaaaaaga	taatagaata	ttatgaacaa	ttttctgcca	1080
atattattga	aagtttagat	aaaatggaaa	attcatttaa	aaatataatt	tgacagtatt	1140
atgttatgtg	aatactataa	tgataatcct	gtaatcatta	aatgaaccag	tagtttaaaa	1200
tttttccata	tagggaaggt	cagggccaga	tgtgttcaat	ggttg		1245

<210> 3959

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1482)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1373)...(360)

<223> similar to gil293846 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3959

acgcacccaaa	tagagttttt	tttctctttt	taaaaactct	atttggtgcg	tgcccacggt	60
gctgcgtccc	gtcagacata	cctgtataga	tctctctatt	tatatatata	tatatatata	120
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gcagtat	cgggacagag	agtcacgga	taggtgcccc	gtgtagggca	cgtagggagg	1380
tgggtacagg	attagcgcca	ggtctatcag	tggcatctcc	agccggtccg	aattccagca	1440
catggactat	gttatcaaaa	nnagggtatc	taattttttt	t		1481

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<210> 3960
<211> 1665
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (334)...(52)
<223> similar to gi4584215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400>	3960					
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ctgaacactt	agcgtttttc	tgtttcttga	ttctaaaaca	gtgatgacgc	tgatcatggc	180
attaatgaag	tgctgatcta	ctatatTTTT	tagtttaata	tgccctgttta	ttcgggttaac	240
agtataaagt	aatcattctg	atctggcctc	tttttgtttt	ttttccatt	ccctccattt	300
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gcccactgac	gactcccgag	gggctggacc	aagcgggggtc	agcccggggt	tcttccctgg	600
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taaagaacc	aggaggactg	aggctggaac	acaccgcgca	cctggattgt	tcactcccga	720
gccgccttg	cctgtggctc	cgtggcagtg	cgacagaagg	aaactcaagc	agaggcgtgg	780
cctgggggt	gcccctctc	cacttctcta	ataccagtga	caagtattat	taataaagag	840
cgtacatctt	cccttttgat	ttcctttatt	ctctccaggg	ccttttcatt	gaggtattag	900
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ataataaata	tttatgaagt	agttattttt	taaattttta	tcgtgtttta	ttctggcttt	1380
ctctgaaatc	cactgtgatt	tcagccagg	ctgtaatgac	gctggacaga	aacaaggcta	1440
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catgggtggg	aaaggggccg	agcagttgga	aggaaaaaca	ggcaatttaa	atttagagtt	1560
tatgacttga	agttgttttg	tttgttgtct	attttgtttt	tgtaaatttc	tttgacagac	1620
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<210> 3961



<211> 2478  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (249)...(645)  
 <223> similar to gi330953 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3961

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caaggagctc	ctggtgcttg	accccgaggc	cttcaccatt	ttagccaagg	atgcagtgac	120
cagcctttgc	tttgccggt	acgggcggga	ggacaacacc	ctcatcatga	ccactcgagg	180
tggtggcctg	atcatcaaga	tcttgaagcg	tacagcagtg	tttgtagagg	gaggaagtga	240
ggtgggtccc	ccaccagccc	aggccatgaa	actcaatgtg	ccccgaaaga	cccggcttta	300
cgtggatcag	acactgcgag	agcgggaggc	tggcaccgcc	atgcaccggg	ccttccagac	360
agacctatac	ctgctgcgcc	tacgtgctgc	ccgcgcctac	ctgcaggccc	ttgagtccag	420
cctgagcccc	ctgtccacga	cagcccagaa	gccactcaag	ctgcacgccg	tggttcaggg	480
ccttggtccc	acctttaagc	tcacacttca	cctgcagaac	acctcaacaa	cccgtcctgt	540
cctggggctg	ctggtctgct	tctgttaca	cgaggcgctc	tattccctgc	cccgggcctt	600
cttcaaggta	cccttgctgg	tgccagggct	caactacccc	ctggagacct	ttgtggagag	660
tctcagtaac	aagggcattc	cagacatcat	caagggtgctg	gtgcttcgag	aaggccaaag	720
tgcacccctg	ctgagtgcgc	acgtcaacat	gcctgggagc	gaggggctgg	cggccgcctg	780
agacctgagc	tgtctgtgaa	gcccctgcac	aatcagccag	ggagaactgg	gcgggtttag	840
tggccccagg	cccactcctc	atgcagcagt	gtgctggggc	gacagctcgt	ctcccctctc	900
ttaagcaccc	gcttcctcac	caccccact	gttgggccta	tagtagcagg	ttagttagta	960
cctagggcgg	ctcaactcct	cccacagcac	caaccagca	tggctccact	gaagtccac	1020
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tgggctgcag	cccactcagc	ttgcgggcaa	aatacgtgct	ctcctctctc	cttgtcagct	1320
gagcaaaccc	aggggaatagc	cctcctctcc	ccaggaaact	tctctgaaat	cttagactta	1380
gccagtctta	ggcctacgat	gccacacaaa	ggttggttcag	ggagaagggg	gtgcaggagg	1440
cagaggggtg	cccgcaggga	gctggtggct	ccagcccac	tagagctcct	aaagatcaca	1500
cagcagctgc	tcttgacagg	gatgctcatg	cccagaaagc	aagcccagga	gaggaaggca	1560
gagtgtgaca	gagcagagcc	agggccaggc	gcaccaggag	aggcgtttct	ggggctccag	1620
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tgcccagcac	ctgatgtaag	tttatataat	gtaataattat	gtacctacca	ctaagaaata	1860
catgaaccgt	gccatgagga	cagtaagtgt	tcataaagca	acatgaagca	agaaacagtg	1920
caggggtgcc	agtgcacaca	ctagagagaa	attgtgaaca	ttaaggacaa	ggagaattgg	1980
tgtctttcta	aaacatactt	atttaaaaac	acatacccac	ttactaatgt	ggaattacac	2040
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tccttcatcc	cctgcttt					2478

<210> 3962  
 <211> 2105  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2080)...(1787)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3962

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aagacgcttt	tgggtgcagag	ctgctccgtc	tcaagcagca	gccactcttc	agcttggtgg	240
actttgaaca	ggtgggtggat	cgcattcgca	gcactgtggc	tgagcatctc	tgggaagttga	300
tggtagaaga	atccgattta	ctgggtcagc	tgaagatcat	taaagacttt	taccttctgg	360
gacgtggaga	actgtttcag	gccttcattg	acacagctca	acacatgttg	aaaacaccac	420
ccactgcagt	aactgagcat	gatgtgaatg	tggcctttca	acagtcagca	cacaaggtat	480
tgctagatga	tgacaacctt	ctccctctgt	tgcacttgac	aatcgagtat	cacggaaagg	540
agcacaagaa	tgctactcag	gcaagagaag	ggccttctcg	ggaaacttct	ccccgggaag	600
cccctgcata	tggctgggca	gccctaggtc	tttctacaa	agtacagtgg	ccactacata	660
ttctcttcac	cccagctgtc	ctggaaaagt	acaatgttgt	ttttaagtac	ttactgagtg	720
tgcgcggggt	gcaagctgag	ctgcagcact	gctgggccct	acaaatgcag	cgcaagcacc	780
tcaagtcgaa	ccagactgat	gcaatcaagt	ggcgccctaa	aaatcacatg	gcatttttgg	840
tgataaatct	tcagtactat	ctccaggtag	atgtgtttga	gtctcagttc	tcccagctgc	900
ttcatcagat	caattctacc	cgagactttg	aaagcatccg	attggctcat	gaccacttcc	960
tgagcaattt	gctggctcaa	tcctttatcc	tattgaaacc	tgtgtttcac	tgcttgaatg	1020
aaatcctaga	tctctgtcac	agtttttggt	cgctggctcag	tcagaacctc	ggcccaactgg	1080
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acagaagatt	caaaacatcc	cattctagcc	acacacaaat	aaatatctgc	ggcttagtga	1380
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aacctcgatt	ctactaaaaa	tacaaaaatt	agcccagggtg	tgggtggcatg	tgcttgaat	1980
cccagctact	caggaggctg	agacaggaga	attgcttgaa	cctgggaagc	agacgctgca	2040
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attag						2105

**00000000000000000000000000000000**

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<220>
<221> misc_feature
<222> (551)...(206)
<223> similar to gi3212996 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 3964
<211> 1216
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (1075)...(807)
<223> similar to gi406113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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2723

gcctggccct	gagagccctt	tctatgcagc	aaatacttgc	ctaagattct	tctggggctc	300
ctcagtgccc	tcaggatcaa	gttggtgctc	ctctgtggca	tatgaggccc	taagaggcct	360
ggccccttac	ctgcttctct	aaattgggct	cctgcctctc	agtccctca	gcccctccag	420
tctggccagg	cttagcactt	gcacttcccg	gaatggctat	agacattatt	ccgctatgcc	480
tcactaattc	ctacttaact	gacagctctg	tcagggtcatc	accactttta	tgacctttct	540
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tgctcactca	ccgactggtg	gatattctta	tctagagctg	tatctcctgc	aatcctagga	900
tggggttatg	tgggtgggtg	cctatgaggg	cagaagcaga	cctgagggcc	ccaaatcccg	960
ccccagctca	caggtttgtg	gaattctcac	catgggtgct	gcaaggcctg	ctcacagggtg	1020
aatcttttct	ctgggtcctt	ctccatcaag	tgccggatga	aatctttggc	taaaccacca	1080
agacaaaagc	aaagataatg	acagcatggt	actgcctgtg	tactcccaa	gagcataccc	1140
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<210> 3965  
 <211> 799  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (800)...(499)  
 <223> similar to gil57535 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3965	
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tgcacaaaaa	taggttcttt ttcccttcaa ggcaaaatca gtcagaaagc aggttttttc 180
ttcttcaaaa	ccattctacc tcattagcat tcaagctagc tgtggctctg atgatcatgt 240
agcagagtgt	gagggcactg aggaggccaa aactggcaat aataaaccat tcttttggtta 300
ctgcaatgtt	gattttctct gttctcggag tgagctcccc atcctgagga agagggtgaga 360
tccccgaagt	tcgaagtggc tcaaggccaa gggagttgtc gccggcgagg tcgccgaggg 420
ctgatcttcg	gttaacagct tgggttcttg tgagcctttc catatcgaat gctacgttat 480
cagtacatgg	caaattcggc acaattccca gggccttcaa tatattaagt ttgcacatag 540
gacaggtaca	atgttacta agccagggat ccacgcagga tttgtggaaa acatgcttgc 600
aggagaaaat	tccgacgaca tcattctgct atagcctctc tatgcagact gcacaatgat 660
caaagtctgg	gtcagtttcc ttgtcaccc tctttactgt cctggttgtc aatttactga 720
tggcttttct	ggctgcatct ccgagacgac gctggttcct gtcgcgtgca tttgggtacc 780
tgatccttct	gatgacgta 799

<210> 3966

<211> 1869  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (44)...(671)  
 <223> similar to gil945499 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3966

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cagacatatc	aagaaatctg	aaggccagaa	aattcctaaa	gtggagttgc	aaatatcaat	120
ttatggagta	aaaattctag	aacccaaaac	aaaggaagtt	caacacaatt	gccagcttca	180
tagaatatct	ttttgtgcag	atgataaaac	tgacaagagg	atattcactt	tcatatgcaa	240
agattctgag	tcaaataaac	atttgtgcta	tgtatttgac	agcgaaaagt	gtgctgaaga	300
gatcacttta	acaattggcc	aagcatttga	cctggcatac	aggaaatttc	tagaatcagg	360
aggaaaagat	gttgaaacaa	gaaaacagat	cgcagggtta	caaaaaagaa	tccaagactt	420
agaaacagaa	aatatggaac	ttaaaaataa	agtacaagat	ttggaaaacc	aactgagaat	480
aactcaagta	tcagcacctc	cagcaggcag	tatgacacct	aagtcgccct	ccactgacat	540
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ctgccttggtg	tctgagttct	atttagttag	catcttgaaa	tttgtattca	ttttccagat	1140
ggctagttta	ttaatgattt	cccaaaagcc	ataccttaaa	gataactttt	taaattctga	1200
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ttcattggac	agatatcatt	ttatgtataa	atactgttca	catcactggg	aaaatgtaaa	1320
ctttaaacat	aatgccacaa	ggtcactaat	ttctagcagg	taaaattata	aggatataaa	1380
ttccaataat	aaaccaaagt	tatttagagt	atttattagt	aaatgcaagg	tgatgttagt	1440
tatgatcagt	tatactctaa	atatttaatt	tgttttataa	aggtagtgaa	aaaatgaaaa	1500
tttgctatatt	attaaaaaac	attaaatttc	attccaaatg	agataagtga	tattactata	1560
acatctaagc	atcatctgat	ttgatattcc	ctaaaaaaca	tttggaatat	atgctatcta	1620
tagattcagt	atctactacc	catattttact	ttaccaaata	tattttctcct	cactgcataa	1680
ggactactct	tctcatattt	tcttctttga	tgaagatatt	tttcaccaaa	gtttattttg	1740
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aaaaaaaa						1869

<210> 3967  
 <211> 6147  
 <212> DNA  
 <213> Homo sapiens

<220>



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tgtaaatcca	aaaacaaaac	aggattcccc	atagagtttg	cttttgaaag	gttgacttag	3240
gagttcagga	caatccaggg	tccacaccca	ggccccctta	cgggggcata	tccggcacc	3300
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cagaaggttg	ctgagaggcc	ctggcactaa	ggggcctcgt	gcagtgtcag	ggcccccagg	3420
cctcgtcccc	ttccaggttc	ccctcttggc	tgatgttgcc	ctctcagctc	tactatcagg	3480
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agaagcccca	gtaccttttc	gccatgatgt	cttactgggc	caccacacct	ctctttcatg	3720
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gtgggggtgga	aagaccattg	agttaggaac	gcagtgagtt	tggctgcaag	tcacaaaaca	4020
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tcatgagcaa	atttcaaggc	agggtggggc	tcggcagtag	tggccagaaa	ggccttgccc	4260
tagcgtggct	ctctccctcc	gtcagcacac	agaagcttct	ccaagagcca	ccccacccc	4320
tctgtctcca	cagacttttc	cagaccccta	agggcctcct	gcctcccta	ggtgtaaggg	4380
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cacctcccgc	ttcagtgtcc	tcatctgtaa	agtacacggc	cagtcctgtc	ctcgcagatg	4620
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ggacaccgag	ttcgtggtgt	gtctgccctg	ctgctgtctt	ggttctctgc	tcagctctgg	4740
aacttggtgc	agctcactct	ccctctgtct	ctctccctgc	aggctgtgct	gcaggcgctg	4800
gggtccgttg	tggcagtgga	ggagcgctcg	ctcacaggga	cctgggattt	gagcatgctg	4860
caccgctgga	gctggaggac	ggggccttgc	cgccacagag	gtgacaccac	ctctccctcg	4920
aggccaccag	gaggcccat	catcacgtct	caccacaaag	aaatccggac	gttctttatt	4980
cactttcaac	agcagtgagc	cctgggcaga	tgccccgtcc	ccagggtctc	ccccggaaac	5040
tccatgtaac	agaacagacc	caggacaggg	aaaagcagtg	cggagggatg	ggactgggga	5100
gtcagctgct	catctgcagg	ctaattggcag	gaaatggtca	tatttggggt	ttttccctaa	5160
tttttttaaa	caaaaattac	attacaagat	ccaggttctt	ccccccaca	ctcaatcaag	5220
ccagccctct	cctcttctgt	cacgtaaagg	atatttgga	cactcatgcg	tcattcattc	5280
acaaaacaca	aaccacggac	tttctgcta	aggcagaaca	caagactcac	agcagcaccg	5340
aagcgcatct	gccgtccggg	ccctgccagg	cttgccaggc	tgccagtggg	aactgtggac	5400
ctactgcgtg	ccacgtgttt	tcatagactc	atcccatgct	ggcaacagcc	ctgcaagggg	5460
cttggtctctg	ccacagggca	ggagaggaag	ttgtagcgcc	tagcgagagt	tccagcccca	5520
gacgcccacc	tgtgcctcag	ggcacgcct	gccgagcaga	gaaggcacag	cagccgtcag	5580
agtccatgag	aggtgaaacc	acacagcagg	gatgtccaat	atcagaacta	ttaatataca	5640
taaaagtata	accttcccag	gtctatgcc	aagagaattg	aaaacatcca	tccacacaat	5700
accctggggt	ccccgcgttc	catagccagc	attacctcaa	aaagtccaaa	cgggtaggca	5760
accaacccca	aatgtcccc	ccccacagat	gaaatttaag	accatgaagt	gtgttcctgt	5820
ccatacata	ggaaattatta	tttggcccc	ataaaaagga	aggaaattct	gacgcatgcc	5880
acagcctgag	tgaatcttac	aaatattacg	ctaagtgaag	gaagccaatc	acgagtttat	5940
gtgaaatgtc	cagaataggc	aaatctgtgt	atcagagaca	aagcacattg	gtggttgcca	6000
ggtagtgagg	gaagagagaa	gaggcatgac	agctaacagg	gacgggcttt	ctttggaaga	6060
tgatgaaatt	gtggaatgat	ggttgcacaa	ctttgtgaat	atactagaaa	ccaatgaatt	6120
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```
<210> 3969
<211> 1169
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (947)...(687)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

2728



```

gctgacacca tgatgatgaa aagggcccg c ttgggactga gtggcagccc gtggatgtgc 480
agcaggaagg tgagctggta gttgcagtag gtgctcgtgt ccactcctct attgctcacc 540
aacaccttga agaagaattc aggggcaaag atgccttggg gaacattgtc atagcatggg 600
gcattctcca gacagagcca ctaggtagaa agtcacatct ttcattttatt cccttcttta 660
ttcattatcc aataaatgca ggtaggcca ggcatagtgg ttcacaccta taataccagc 720
actttgggag gccgaggcag gtggatcact tgagggtcagg agttcaagac cagactgacc 780
aatatggtga aaccccgctc ctactaaaaa caaaatacaa aaagtagccg ggcgtagtgg 840
cacgtgcctg taattccagc tactcaggag gccgaggcag gagaatcact tgaaccagc 900
aggcagaggt tgcagtgagc tgagattgca ccactgcact ccagcctggg tgagagagt 960
agactccatc tcaaaaacaa aatataagaa aacagaagaa aacagtttct ggcaaacagt 1020
caatataaaa tgagaggaag gaggaggaaa tcttatttcc tctcatactg caaactcact 1080
cagaattttt tagaatccca ataaataagc aaagtctatt tcaacttaaa caggtccttc 1140
aaactgtgat gtgcctcaag gctcgtgcc 1169

```

```

<210> 3970
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(147)
<223> similar to gi747652 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3970
ggcgtgatg aagatgcccg aggacgagtc gaccccgaa aagaggactg agaaaaatctt 60
ccgccaaatg gacacaaaca acgacggtat aataatggcc ccagttgct gggagaagt 120
aggattaacc gagtaagtga ggggaaggct gaagtggctc agctcaaagt ccatcctggt 180
ggacctctc gccctgagct cactgccttc cctgccttcc tcacaacagt attagaggaa 240
ctccaaggac cctgcacaca tccgccatc ccagccctgt cccaccaaca ggcctctct 300
ttcttgctgg gacctatgac tccattctc ccaagccttg aggccagcag gctgtctgag 360
ctttattttg caagggagga acaggcctag agagagaaat aagtccctca gccaggagaa 420
g 421

```

```

<210> 3971
<211> 662
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(489)
<223> similar to gi4586838 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3971
cccagggcca atttcatgct aaaggaagat gacgatgtct ttgtccacgt cccaaacgtg      60
taggagttct gggatggctg ggacccagcc caggacctct tgggtgggaga tgtcatccgc      120
caagccctgc ccaacaggaa cactaagggtc aaataacttca tcccaccctc aatgtacagg      180
gccacccact acccacccta tgctggtggg ggaggatatg tcatgtccag agccacagtg      240
cggcgccctcc aggtatcat ggaagatgct gaactcttcc ccattgatga tgtctttgtg      300
ggtatgtgcc tgaggaggct ggggctgagc cctatgcacc atgctggctt caagacattt      360
ggaatccggc ggcccttga ccccttagac cctgcctgt atagggggct cctgctggtt      420
caccgcctca gcccctcga gatgtggacc atgtgggcac tggtgacaga tgaggggctc      480
aagtgtgcag ctggcccccac accccagcgc tgaagggtgg gttgggcaac agcctgagag      540
tggaactcagt gttgattctc tatcgtgatg cgaaattgat gcctgctgct ctacagaaaa      600
tgccaacttg gttttttaac tcctctcacc ctggttagctc tgattaagaa cactgcaacc      660
ca
ca

```

```

<210> 3972
<211> 1130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(908)
<223> similar to gi406738 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3972
gggcgtgcat ggggttctcag gttgctctctc tgccctctcc tcccacaatg tggggactgc      60
aacaccctgt gtggcacaga aggctgggccc cccccccacc aggggataga tccaggatta      120
cgtccccaga gccagtcagg cccttcagca tgggctgccc tccatagagca ttcttttgat      180
cctttctggtg gctggaagaa gtaggggttg ggcactggct attcaatagg gacctctgag      240
gacctctagg gtcccttagag tccatgattg atatgttccc cacagcccag tttgaaggac      300
cggagaagag ctgcctgtca cctggccggg aggagaaggg gcggctacct ccccgactct      360
ctgcagggaa ccccaagtca gccaaacccc taagcatgga gcccagcagc cccctggggg      420
agtggacaga tccagcactg cctctggaaa accagggtgtg agtgtctgtg tccagctggg      480
gactccctcc ccactcctcc cctcctggca ctggcttccc tacaggggac acccacaatg      540
ggtgggcctg gacagcgagg gaccagcag agatgcccc cttcctctct ctcatcctta      600
gctggtatca cggggccatc agccgaaccg acgcccagaa cctgctccgg ctgtgcaaag      660
aggccagcta cctggtgctc aacagtgaga ccagcaagaa tgacttctcc ctctccctca      720
agagcagcca gggattcatg cacatgaagc tgtcccgaac caaggaacac aaatatgtgc      780
tgggccagaa cagcccgcgc ttcagcagcg tccctgaaat tgtgcaccac tatgccagcc      840
gcaagctacc cattaaggga gccgaacaca tgtccctgct ctaccctgtg gccatccgga      900
ctcttttagat gtgaagccag ggcactgtga tagacctgta cccagccctg tgcccatcac      960
ctggctgagg gctgtggctc ttgccaggga cgtgatcttt caaacctttc ttctcctggg      1020
atccagtaga agctggagat tccttaattt attctaaagg gaaagggtct ctggggcctt      1080
ggagtaaggg gttgtctgga gctgcggaaa gaggaatccc tggagagaag      1130

```

<210> 3973  
 <211> 1627  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(654)  
 <223> similar to gi861381 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3973  
 ccgcatgctg gcctggcacg ttctcatggg gaaccagggtg atctggaaaa gcagagacgt 60  
 ggacctcgctc cagtcagctt ttgaagtact tcggaccatg cttcccgtgg gctgcgtccg 120  
 catcatccca tacagcagcc agtacgagga ggcctatcgg tgcaacttcc tggggctcag 180  
 cccgcacgtg cagatccccc cccacgtgct ctctcagag tttgctgtca tcgtggaggt 240  
 ccacgcagcc gcacgttcca ccctccaccc tgtgggggtg gaggatgacc agtctctcag 300  
 caagtacgag tttgtgggtga ccagtgggag ccctgtagct gcagaccgag tgggccccac 360  
 catcctgaat aagattgaag cggctctgac caaccagaac ctgtttgtgg atgtggtgga 420  
 ccagtgcctc gtctgcctca aggaggagtg gatgaacaaa gtgaagggtgc tttttaagtt 480  
 caccaagggtg gacagtcgac cctaagagga cacacagaag ctgctgagca tcctgggtgc 540  
 gtccgaggag gacaatgtca agctgctgaa gttctggatg actggcctga gcaagacctc 600  
 caagtcacac ctcatgtcca cggtcgcgag cccacacagc tcggagtctc ggaactgacc 660  
 cgtcacacac acctgcctaa agacagggat ggctgtccac aggatcctcc agccccgtga 720  
 gagggactgt cccttgagtt tctcaactgc tggaaggagc tgcgtcccag caaggaaggg 780  
 aaaccatcat ggctgggctc ggccctgtca ggtttggggc ctgtgtgctt ccagactct 840  
 ccctccagcc gttggaatcg ctgaagatgg caatgaaagg cggagggatg atgggctctc 900  
 tctgtgttca aactccttgg agagacgact aggaggacag cttgcctccc agggcccttg 960  
 tggacttaga ctcaaaaccc gcaggagaaa caggctccgac tcagtatgca gtcgcaataa 1020  
 catgtctgct cccgagggtta acattcaagc gtttctactt tgaaattcag caagagtttc 1080  
 tgggccttat gtttgagggt accttttgct gcagttgtga atattcagta cattgccagc 1140  
 tcttggtcac tgagtgattg agttagggtc ccgcaagaga ctttggggag tgaagtggat 1200  
 ctcttcctca tcttctggtc ctctgaaatg tgtgttctga agccatgggg ctctcttct 1260  
 ggggtgttcc cctgcagggtg ctggtgaagg taacctgggg cttaatgatg gagtccctga 1320  
 tcatTTTTTgc acaagacagg ttgctgaggg gtcggcaagc atctgacttg cccaatcccc 1380  
 tggatatggt gagccccgcc atgcttttat tctgtatcgc ttttgtcttt attgctgctt 1440  
 tcaacattta cgtttgggtta cagttaacta ttttcggagt gtggtgattg aagacaattt 1500  
 catcatccca ctgtactttt ttttttgaga ctctgtctca aataaagaaa aaaaaaaga 1560  
 taaaaataat ttttaaaaag taaagatagg cctgggcaac agagtgaagc tctgtctcaa 1620  
 ataaaga 1627

<210> 3974  
 <211> 1579  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (691)...(872)  
 <223> similar to gi29653 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3974

agtcacctcc	agaccccaga	agctctcccc	aaccagccg	agttcctctg	caaacaattc	60
aaggggctct	gataggtcac	acagtgccac	cttgtgtgct	ggaccatata	tggagggaga	120
actgagtgag	ggggcacagg	ggattgtctc	caggtggggc	gagcagggga	aggaaaatag	180
tggccacttt	tacattgggt	tgggtagtaa	ttattgattc	aggaagcaaa	tacaaaatcc	240
tgaatgaaat	gacttgaaaa	aagtaaatag	aatcaagatc	ccaagaggag	ctgaagataa	300
ataaatggga	gcaggatgtg	ggggaatggt	cggtaagtga	gaaatgctaa	aatgatagaa	360
taaagcttaa	ggattgttgg	aggtagagca	ggaactgtgt	actgcatagt	tcccaaatgc	420
cctggtgttc	caatggggga	tggaaactaa	aacactggcc	aggttggatt	tcatactgta	480
gtcctgccat	ttttcttcct	agagcagaga	taaaagttgg	ccctgggcga	tagctcattc	540
tctctgaaag	gctgctagtt	aggcccagcc	tgtcaccctg	gatcatgagt	gtcgtgtgta	600
ttgggactta	cggcaggggg	ctgaggcttg	cagatgggca	agtggtgaga	ggccccactg	660
acctcagtct	gtttctcact	ggagcgcagg	tttgggagca	gcagcaacac	cacatccttc	720
ggcacgctcg	cgagtcagaa	tgccccact	ttcggatcac	tgtcccaaca	gacttctggt	780
tttgggaccc	agagtagcgg	attctctggt	tttggatcag	gcacaggagg	gttcagcttt	840
gggtcaaata	actcgtaagt	atcccccttt	ttgagtctca	ccttaattaa	aagcattaaa	900
taaggttggg	agtgtgtgga	tcttgctgga	tttgtgcatt	ttcttttcgt	tttttcctgt	960
tttttagagtt	tgtcctggaa	gtgtgggggt	tcagcagcag	ggttttgggt	ttgtggactt	1020
gctcttctct	gtagcaatat	ggcaggaggt	gccaggcctc	gccttcttaa	gaggcggtgt	1080
tcaaagagaa	aagagcacgc	ctgccagtga	gctgggcctg	agggcagcgc	tgaggagatg	1140
ctgctcctga	cttccctgga	ggtttctcag	aagctgcatg	ctaacccttg	ggctctgggc	1200
catcaccagg	tctcatgtgt	tgatccaccc	tctgtgcttc	tgtgtaaaat	ttcatggcgt	1260
taaaattcag	tcttagccag	gtgggtgggt	cacgcctata	atccagcac	tttgggaggc	1320
tgaggtggga	ggattgcttg	agcccaggag	tcaagaccag	cctgggcaac	agagtggagc	1380
cccatctcta	ctaaaaatta	aaaaaattag	ccgtgcatgc	tggcttatgc	ctgtggtccc	1440
agctactcca	gaagctgagg	cgggaggatc	acttgagcct	gggaggttga	ggctgcagtg	1500
agccaagatg	gtaccactac	cgtctagcct	gggtgacagc	cagaccctat	atcaaaaaaa	1560
aaaaaagggg	gggcccttt					1579

<210> 3975  
 <211> 467  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (370)...(254)  
 <223> similar to gi311097 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3975

cgaggatggt	acaggcgaat	aattagagtt	gtgtgatgta	taggaaaagt	agcacgatgc	60
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<210> 3977  
 <211> 1423  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1408)...(212)  
 <223> similar to gil669689 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3977  
 atgaaagatt tttatttcaa attgcttttc cttttattat tgtagggcctt aaaagacaac 60  
 cttcttgctt ctgggacatc cagcctgaca gccaccaaac agttgcatcg tccaagaatc 120  
 acgagaatct gcctcagga cttgatattt tgtatggaac aggaacggga gatgaagtat 180  
 tctcgagctc tatacctggc ccttctgaag tgaccactcc actcttccat ccagatcctt 240  
 gctatttact gccaaaagaag acacaaaagca ttgttgcaact gtcctgaaat ttcaatttct 300  
 ggaaaataat caccaacatg aaagagcatt gtttacagtt agaaacttta ttaactctta 360  
 cctatccatc tcatgggact cttacagact cagattcatc tttgtcttct gaaaatcagt 420  
 tatgaaatac actttgcaca gaattaggca tctgcctatc tgtgcattaa attaaagcaa 480  
 gttaaggccc tatttgttac tacctgcctc atttgccaaa ttgtagcagg tgagggtgtcc 540  
 ttccctaata cagcatgcat tgagatgcag gagaaaggaa gaggcataag aaaatacaag 600  
 aatgactatt tcattctata ttgaacctgt cccaaagtgg taggttttct gggctggaat 660  
 cagaagtgc ttagctaact atgacagtca ccctctgtac gtgacaggcc actgtggtga 720  
 ctttggtcgg ctgagttcca gtgttgtcaa aacaagacaa atggggatag attgtgcctg 780  
 ggggtgctaa ttctctgctt catatcacca tatgccgttt ctggtaccaa gtgaggggac 840  
 atgcttgtca gggaaacctt aaaattgaat ctactgatat atcttggtga aaaaatggaa 900  
 aagggtgcaa gtattagaag gaacgttagg gcgttgcttt caaactgatg aggggaatgt 960  
 gaaaatggta tcataaaaca ggaaatgtgc ttcatatgcc caagagggga agagggtggaa 1020  
 tcggaactcc aaaacaactg gtacatgttt tgttgatggg caaaaaaaat cacagcacia 1080  
 ccagaaagga gaatgtacca gatgttttca aattagagta tttcaaaaagg aaaatgttat 1140  
 tttttgtttt gtattgtttt aaatcccaag gatagttttt atatttcctt ctgtcataat 1200  
 atattttagt taccctaatt tttaagcatg ttggcacatt taaaaaatcc taattgatga 1260  
 tgagaaatct ttaacaatag gactttatgt tggattctgt acttaaaagg tactgtcaat 1320  
 atctcactct tggggatatg agctctaaat atgagaagca agttatatgt gttcacctga 1380  
 ggaagaagct gacggacaaa gcaaacccctc tttaaaaaaa aaa 1423

<210> 3978  
 <211> 2081  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2078)...(1302)  
 <223> similar to gill96425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3978
tttcttgtag ctcactcgag cctccaccta ccagggtcaa gccattctca tgtctcattc      60
ttttaagtgg ctgggattac aggtgcacgc cacagtggcc agctaatttt tatattttta      120
gtagagacag ggtttcacca tgttggccag gctgttctca aactcctggc ctcaagtgat      180
ccgcccacct cggcctccca aagtgtctggg attacagggtg ttagccacca tgcctggctg      240
ctaattttta attttttgta gagacagggt ctccctgtgt tgcccagact gttctcaaac      300
tcttgggctc aagcaatcct cccacctcag cctcccaaag tgctggaatt acagtcatga      360
gccatcatgc ccagccagga tatggacttc ttgactagta ggaagaaagt gggctggaca      420
cactggctca cacttgtgat ccagcactt tgggagaccg aggtgggagg agatcttgag      480
gccagagatt tgagaccggc ttgtgcaaca tagtgatgta gcaggacgag ccacagacaa      540
aacctctcag acactgagtt gtagaaggaa gggctttatt cagctgggag catcggcaaa      600
ctactgcctt aaaatccgag ctccccaaat gcacaatttc tgtccctttt aagggtcac      660
aacactaaag atttcacatg aaagggtcgt gattgatttg agcaagcagg cggtagatga      720
caggggctgc atgcaccagt ggtagagag aaacagaaca gggcaggagg tttcacaatg      780
ttcttctata caatgtctgg aatctatgaa taacatcagt ttctaagtta tgagttgatt      840
tttaactact gggtttaggc cagacaggcc caggcctgct ttcaggcctg gtgccgggct      900
gcctgtcttt ggttttactt cctgtgcact ttttcttaaa agaggtactg agtataaaac      960
aatataaaac aatataaaac aatatgagag ggtctctctc tcttccctca tttccccct      1020
ttgagactct cagtttttat tagtgggagt tctactctt atttttgcta cttatgtatt      1080
ttcgtgcaat agattgatag tgatttatat agtatgcttg tgctgaagca ttttggtgaa      1140
ctaaggttaa ggcaggaagt tttttatcat ttggagaaat acaggatatca gacaaggagg      1200
cagtaagcag gttcctatta ctattattac tcttattata agagttttta atccacctat      1260
tgctgggaac caatttccaa acatggctcc cagattgagt ccgtgccaca cttgcacagg      1320
tgcatgtgcc agttttgtta tatctttaac tatatcctca actacttgcc cctgatcatc      1380
tatgtgtaga caataattag taagggtcaa tttttcaca actcctcctt cagctgctag      1440
caagtaatca agagctagtc tattttgata gatagcattt ctcatcagag tctcttgcca      1500
ggcaagaaca gtcaaggctt gagtgggttt attagtaata atttctaaaa ctgcttgtaa      1560
ccatatgatt cggttgagca tgtagatggg ggttccatat ccccatgaga catcttgta      1620
ccaagtggca ggtccatagt attgtaagat tttttcaggg ggccattcat cgtctttcca      1680
atcacctatg gctatgcttc atttttcaca ggaagcacag actgggaagc ccagaagttt      1740
acctgttttt atgggcacta agaagaaaga tggtttaatg gtgccaatta cacagctacc      1800
tgtccactga tcaggcagct tagcataagc tctgtgtcca catacccagt ataaccagt      1860
gggggcccgc cagtcccagt gcaattctgg gtgggcccaa acagtctgca actttggaaa      1920
tttactgaat ggattttttt ctgtgtaatt ggaactccac catgtaactg tttttgtggt      1980
accattatac agcttttgcc caagacaact aagctgcctt acaggatgag taaatccttt      2040
tccttctcta gctatgcaat actgtccaat aataagactt t                                2081

```

<210> 3979

<211> 1262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1265)...(711)

<223> similar to gi4972682 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3979
tttttcagaa cacaaatttg gcattatatt atcaatatat caagcaatat aactgctaga      60
tacaatgttc acagcagcat tgtttcaaca gcaaaaacaa ataaacaaaa ctcaaatgtc      120
catcaagaat gaataagttg tagtatatatt atataatact atataagcaat aaaaatgaaa      180
gaaagtcaca gaagtaacaa ttttgccatt tatataaaat tcagaaacat acaaaattaa      240
catttcactt acagatacat acgtatgttg taaaactata atagacaaat gacaaacaca      300
aaattccaaa taattatttg agagggagag ggccttaggg aacttctaaa atgtcgcacaa      360
catctgtatc ttaagctggc tgatgagtac acagatattt acatttatta tccctttata      420
tatacgttta tgtatttttg tagtatgaaa tacttcatta aaaaaagagt gaaaatgtaa      480
gacttcaaaa atgaagacta ccatttatgt ataacaataa aattagtgtg aaaaagtata      540
caaagaaaat gttcaattct ttatctttcc gtgctctata taatcagtat taatctaaag      600
accataatcc tagtatgaaa aaaataacaa gctttgacac aaaatctaag catctgcttt      660
cctggcactc ttaagttaga caagagtaaa tatgttagcc tctcaattct gcctcttcat      720
ctttcatcta tacttagatt tttctttatc tttggacttc tttggacttc tgcttcgggc      780
tctcttttta ctcctttctc tttcataaag atctgttttg tattttgatt tatgactatt      840
actataatgg ccatccctct ctcgagatcg gctacgactt cggttctgag ttcgggtctct      900
cttttcactc ttttgtttct cccaacagct ttcttcttct tcatagtgc caaaccccat      960
ttctctatag atatcctgat tagtatattt gattggcatg tagtcctcat cttctttctc     1020
ttcagaacag tgatgggttt tcttcttggt ttttttactt gtgtgtgagt gacttgattt     1080
tgagtcttcg gcctgctcat ctaataataa atcgtatatt gtatcctgtt tgggctttac     1140
tttatctttc agaaccaaat taggtggttt atcctgttct ttttcatact ccttgaaatc     1200
actcttggtg tatttcccac cttttccttt ccatttaacc tttgcaaccg actggctaaa     1260
at

```

```

<210> 3980
<211> 1248
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(803)
<223> similar to gi2429164 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3980
cccacgcgtc cggcatcctg ttactgcatt ttagaaaatg atggagtcaa gttttgtcgg      60
ccccagtcac ttccctgagg tcccttctcc tgacagagga agccagtctg tcaaacacca      120
caggagtcta tcctcttgct gcagcccagg gcaaagaagt ggcagtctcc ataggaatgc      180
cttcagaagg acacccccgt caccocgaag taggctaggt ggaattgtgg gaccagcata      240
tcagcaactc gaagaatcaa ggatcccaga ccaggatacg ataccttgcc aagggtattc      300
atccagtggg ttaaaaaacc aacgaaatac atcaataaat atgcaactgc cttcaagaga      360
gacaaacccc tattttaata gcttgaggca aaaggacctg gtgggctatt catccacaag      420
ggccagttct gtgcccatca tcccttcagt gggtttagag gaaacctgcc tgcaaatgcc      480
agggatttct gaagtcaaaa gcatcaaatt gtgcaaaaac tcctattcat ctgacgttgt      540
caatgtgagt attccagtca gcgattgtct tatagcagaa caacaagaag tgaaaatatt      600
gctagaaact gtccaggagc agatccgaat tctgactgat gccagacggg cagaagacta      660
cgaactggcc agcgtagaaa ccgaggacag tgcaagcgaa aacacagcct ttctccccct      720
gagtcccaca gccaaatcag aacgagaggc gcaatttgtc ttaagaaatg aaatacaaa      780

```



004007260460

agactctgca	ttgaccaagt	gacttgagat	gtaggaatct	gtgcattcta	tgctttgctc	840
aacaggaaag	agaggaaatc	aaatacaaat	tatttatatg	cattaattta	agagcatcta	900
cttagaagaa	accaaatagt	ctatcgccct	catatcatag	tgttttttaa	caaaatattt	960
ttttaagggg	aagaaatggt	tcaggaggga	taaagcttac	cattaaagct	tttgggtaga	1020
attctgaatc	caatttcggt	tagtcccaac	actgtcctct	ttggctctta	gaagatgtgg	1080
gcaattcaga	cccttgggcc	cacagtgcc	gtgtctcatt	aaaaaacact	ggcagttacc	1140
tggtttcaaa	aagaggagag	ctgcatccc	caggtggatc	accagtgagc	aggtgctctt	1200
ccatttggtt	ccagtccaag	cctaatttta	ttaccaatgc	tatacagg		1248

<210> 3981  
<211> 1330  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (67)...(14)  
<223> similar to gi3876901 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3981	
cccctcgtag	aacactaggc
ttgagcaatc	ccaagaagag
gacattcttc	atgacgctga
cctgtgtttt	cttctgggca
catgccgaag	tatttcagac
ccggtcattg	ccatggtcaa
tgcgacattg	ccgtggcgag
ctcttctgtt	ctacccctgg
gagatgctct	ttactggtga
aacaaggtgg	tgccagaggc
gcatcgctga	gccgtccggt
caggacctgg	ggacggctta
cgggacgggc	aggagggcat
gagccagtgt	gagtggaggc
tcccctctgg	cccagccacc
acttgatatt	ggtgtcatag
gacaaaatgg	agagtgactg
ggccagctat	ggtgggaagc
acccccctga	catagcaaaa
acccttatct	gaaacgtcct
ttcaaattct	cacgagatat
tcatgcctat	ggctttgaat
aaaaaaaaaa	

<210> 3982

<211> 1435  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (142)...(239)  
 <223> similar to gi5912258 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3982  
 ataaattggg gaaccccccg gtttttcccc tccccccggt tttaaaccac ggcccccgaa 60  
 tttaattttg ggggccccat aaaaaaata ttaccttgcc agcccgggga cgtaaacttt 120  
 gatcctttta aacggccccc cttttttttt ttttttaata aaattataga tatatagatg 180  
 tagatataaa aacataaaac agacacaacg caagcagacg ctgtcatgtg cttactctca 240  
 ggtccctgac accaagggaa gcaactgacc ctccccagtg tgctttccca cggcgcgagc 300  
 accgcagcca ggccggggct gcggacgtgg catgccttgg ggtgggggtt tccagtttgg 360  
 cagggagggc ctgagggctg gggagggggc tctgggtgtc accagcccc tgtggcagca 420  
 tcacccccgt gcctgtctcc gcctgcccc ccgtgcgctc ccacaagagc ataaagcaaa 480  
 ggtaaggtct ttgatgaaag ggacagcggc ggccggagca ctgacacatc agacacggcg 540  
 cggcagcaca gcacacagac acgggacaca tggagccggg cccccggcca cagctggctg 600  
 gctggccgtc tgtccacctt tccaccacca cccagagcag gccagggcag aagcatcagc 660  
 cttgccaagc tacaagcttc cagcgggggt cgtgaaaggc aacgcgttag ttaggagtag 720  
 cctggcgggg gacactcggt ccgggagccc acaggctgtg tcagaaggac ggtggggggc 780  
 ctgggtgcct ctgtccatct ctgggacctg tccgtaaggg gaccattggg ggctggcctg 840  
 gcggtgatct ggggtgctgg gtgatggcag tgggccaagc ctggctgaga gaggggtgcc 900  
 caaagaggct gactggggcc cctcactgcc ccagccatgg gacaggccca gacacagacc 960  
 agcccagtggt cccttgtccc agtgagccga cttccccatg ggcagatgag tggacgggca 1020  
 ggcagagcgc ttggggcaag ctgtggaggc gtggcactct ctcccgccga tgggtccaca 1080  
 ccaggctggg gtggcctcgg gtccctgggg cagagaagtt ggtggggagg gggggtgcgc 1140  
 tgtggggtcc tgggtccccg ggcacatgg cggatgtgtg gcagtcagtc ctcacaccga 1200  
 gatctcgtag gtggtcccac ccacgcggga caccttctta accagcgtgt gccgtgtagg 1260  
 gctggcagag ggccctgggg ggccgggtgg aggtcccatc cgggccaggc ccggggactg 1320  
 cccattaagc ttacttgggg gagtcttcag ctgaggggtg tccctgcac aaacaagca 1380  
 catacacaca tgcacacggt gaacacacga acacggggac agaggacgga ggagt 1435

<210> 3983  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (69)...(341)  
 <223> similar to gi587560 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3983
tcgaggagcc ccagggtagt cccatctggg tatggctggc tgggtcacta acttctgtga    60
gctgcttcct tcctttccag aggatgcgga tcaaacctca ccaaggccag tacataggag    120
agatgagctt cctacagcac cacaaagggtg aatgccgacc acagaaagat tgagcacgac    180
aagaaaatcc ctgcgggcct tgctcagagc ggagaaagca tttgcttgga caagatccga    240
agacgtgtaa atgttcctgc aaaaacacag actcgcgttg caaggcgagg ccgcttgagt    300
taaacgaacg tacttgacaga tgtgacaagc cgaggcggtg agccgggcag gaggaatgag    360
ccttcctcag gggttcggga accaccttct ctcaccagga aagactgata cag          413

```

```

<210> 3984
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (15)...(171)
<223> similar to gi4929725 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3984
cccacgcgtc cgaccagggt agcgacccccg atagtacagt ggctgtggct ttcacaccaa    60
ccattccgca ctgcagcatg gccaccctta ttggtctgtc catcaaggtc aagcttctgc    120
gtcccttcc tcagcgtttc aaggtcagtt ggagctgagc cccgggagtg agaccaggca    180
ttgagggtct actgctgagg atggggactg ggagagcatg aacatggata ggacatcaga    240
gtggggcctg gaaggatccc cattatcaga taggaaactg ggaggaagct ttccaagtcg    300
atgtgacaag aataaagatc tgagctggaa agtgagaaaa agtattgaag agtgtggcag    360
gaagggcagt agggagcggc atatgggttt

```

```

<210> 3985
<211> 1743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(878)
<223> similar to gill173848 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3985
taccgggtcg acgatttcgt tcggaatcct gggaccttcg ggacttttgg gtccgtaggg    60
tgacaaaggc agccgtgggg actggggatt gcaagggtcc aggggtcctc ccggccccag    120

```

```

agggcgggccc ggcccccccg gtcctccagg gggtcctatc caattgcaac aagatgatct 180
tggggcagct ttccagacgt ggatggacac cagtggagca ctcaggccag agagttacag 240
ctatccagac cggctggtgc tggaccaggg aggagagatc tttaaaacct tacactacct 300
cagcaacctc atccagagca ttaagacgcc cctgggcacc aaagagaacc ccgcccgggt 360
ctgcaggggac ctcatggact gtgagcagaa gatggtgat ggtacctact ggggtgatcc 420
aaaccttggc tgctcctctg acaccatcga ggtctcctgc aacttcactc atggtggaca 480
gacgtgtctc aagcccatca cggcctccaa ggtcgagttt gccatcagcc ggggtccagat 540
gaatttcctg cacctgctaa gctccgaggt gaccagcac atcaccatcc actgccttaa 600
catgaccgtg tggcaggagg gcactgggca gacccagacc aagcaggccg tacgcttccg 660
ggcctggaat ggacagattt ttgaagctgg gggtcagttc cggcccgagg tgtccatgga 720
tggctgcaag gtccaagatg gccgctggca tcagacactc ttcaccttcc ggacccaaga 780
cccccaacag ctgcccata tcagtgtgga caacctccct cctgcctcat cagggaagca 840
gtaccgcctg gaagttggac ctgctgctt cctctgacct ctgacctcgt ggccactcta 900
ggcctcatgg aggaggggaag aggaagaggg aaggggaggg tactgagggg cagatggctc 960
caggagaggc agctcccctg cccaagggtc cttgggcaga cccagctgt tgtctgcca 1020
gtagaagtgg gtgggggtag gaggggatag ggtgtccttg ggaacaatgg atcccagctt 1080
agccccaag accaaccaaa gagccagcca gagtaagctg gacctgcaac ctgcctgagc 1140
cccgtggcct ctcagctctg cggccacccc gttccctccc cagcttctctg cccaaagagc 1200
cccacattca agccaacttg aggggaaggg gctgtctctg agctggtccc tgctagggag 1260
ctattgatgt gcaatattag aaaggagaca tgaaaaaagg agaaaaggaa agacagaagt 1320
gtatatatat attattttaa caaacaaaaa gaaggtgctg tactattttt ttttcacccg 1380
ggaaaagaggt gagaggatgg gaaggagcag ccaggcgtgg gaagcggcga gatcctcggg 1440
ctgggggtgc ccacgtttgc tacctcccc tgtgaaatcg ctggtgcctc acaattgtct 1500
ctcacagtgt atgtgatattt tttaaggaaa aaaaaaaaat ccctatttaa gattctgaag 1560
gtgctaccat tattttgcca cagactttga agaaactttt ggatgtgggg catcatccgc 1620
atcttttctc ctccctccaa tgacaaagtt tgggggaattt ttgaattttc ctagcatcgc 1680
ccttgctgctc atcaggtaat ctgctaagga ggaaaaaaag aaaagaaaaa aggaaaaaaa 1740
aaa 1743

```

<210> 3986

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1417)...(1154)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3986

```

ggagcgcttg gtggcagtc cggggcccg acggaaggct gaggcgacgc ctgcacgaca 60
gcggaccgga gctgcaggg caacacattc agggcggggt gcccatttta ggcctggctg 120
accggagtaa gaaactacaa ccccggaagt gccttgcgcc tcaaggttac ggaggcagtg 180
accacccacc ctggagccat ggtccacgcc ttctcattc acaccttgag ggccccgaat 240
actgaggaca cgggcctttg ccgagtgtct tactcctgct tcttcgggtg tgagaagtca 300
cctgatgacc cacggccgca tgggtgccgag agggacaggc ttctccggaa ggaacagatt 360
ttagctgtgg ccaggcaggt agagtcaatg tgtcggctgc agcagcaggc atctggccgg 420
cccccatgg acctgcagcc gcaatcctca gatgagcaag tgccgctgca cgaggcccca 480
cgtggggcct tccgcctggc agcagagaac cctttccagg agccacggac ggtggtgtgg 540

```

09488725.013100

```

ctgggcgtgc tctcgttagg ctttgccctg gtgctggatg cccatgagaa cctgctactg 600
gctgagggca cgctccggct gctgacacgc ctctccttg accacctccg gctgctggcg 660
cccagcacca gccttctgct gcgggctgac cgcattgagg gcacccctac ccgcttcctg 720
ccacatggtc agctgctttt cctcaacgac cagtttgctc aaggcctgga gaaggaattc 780
agtgccgctt ggccccgctg attcctcgtt gggatgggtg ttctgagggc aggcagaggg 840
tagacacaca gccagatgaa gcttggcatc tccctcctac ccagcagctc tgatgtgctg 900
ctataccagg acaagtgggt gacacaagcc tgcagaaaagg gggctgggca gaggggtggag 960
gaggtcctgc ctgtcctcag gttagtggaa ccacagaact tcctgagcct agagctgctg 1020
tgttacttag accgctgccg tgcggcagcc acgcttgctc ttgaacccac ctctcctccat 1080
ccctgccagc cgatagtgtc aggggtgagga gctgcctgga gctcaccgcc ctcttcttcc 1140
aaaccacag tcaaggccag gcgcgggtgg tcacgcctgt aatcccagca ctttgcgggg 1200
ctgaggtggt tggaccacct caggtcggga gttcaagacc agcctggcca acatagttaa 1260
accccatctc tactaaaaat acaaaaatta gctgggtgta tggcgccac ctgtaatcct 1320
agctgctcag ggggctgagt catgggaatc acttgaacct gggaggcaga gtttgagtg 1380
agccgagagt gcgccacttc actccagcct gggcaacaga gtgagactcc atctcaaaaa 1440
aaaaa 1445

```

```

<210> 3987
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (691)...(395)
<223> similar to gi9451 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3987
gggtcgacga ttccgcccc tttgggcttt ttttttgccc atccgcaaaa tgagtgattg 60
gatgagaggg cctttgcaact cccttgacac tttatgtgat taattgcctc tttctgaacc 120
ccagacctca ggtccccttc accttgccct taaaacagga aggagtggga ctggaggttg 180
tggacgggga gggaaaacct gagttggggg tggggctcca ggatcctctc ccaggtcttt 240
tccctggctc cataacattc ggtcctctgg cccctcaac gctctgtccc ctgtttccct 300
ctgcccaggc tctgggagcc agatagagca ctccctggtg ttggtgctgg caacaccacc 360
tgctgcagct accaggcctt ctttctcctg ctccaggtgg aatacctgct gaaaaaggta 420
ctcagcagca tgagcttgga ggtgagcttg ggtgagctgg aggagcttct ggcccaggag 480
gccaggtgg cccagaccac cggggggctc agcgtctggc agttcctgga gctcttcaat 540
tcgggcccgt gctgcgggg cgtgggcccg gacaccctca gcatggccat ccacgaggtc 600
taccaggagc tcatccaaga tgtcctgaag caggtcaggc aagctgggaa ctagggggaag 660
cacacaaggt gcagggcgaa ggggggcctg ggaagcctct gacgtaactc cggctggcag 720
ggctacctgt ggaagcgagg gcacctgaga aggaactggg c 761

```

```

<210> 3988
<211> 1333
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(677)

<223> similar to gi2088844 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3988

tttcgtacca	tgggcagtga	gcagagctcc	gaggccgaga	gccgacccaa	cgatctgaac	60
tcctcagtga	ctccttcacc	agccaagcat	agagccaaga	tggatgatat	tgtggttgta	120
gctcagggtc	cccaggcctc	acggaacgtc	agcaacgata	ccgatgtcat	caagttgcaa	180
gagattccaa	ccttccagcc	ccttttgaaa	gggtctattga	gtggccagac	ttccccaaca	240
aatgccaaat	tggagaaact	ggactctcag	cagggtgttg	agctctgcct	ccgatatcaa	300
gatcacctgc	atcagtgtgc	agaggccgtt	gcttttgacc	agaatgcttt	ggttaaacga	360
atcaaagaga	tggatctgtc	tgtagaaact	ctgttcagct	tcatgcagga	gcgccagaaa	420
agatacgcca	agtatgccga	gcagatccag	aaagtgaacg	agatgtccgc	catcctccgc	480
cgcatacaga	tgggcatcga	ccagactgtg	cccctgctgg	acaggctcaa	cagcatgctg	540
cccgaaggcg	agcggctgga	gcccttcagc	atgaagcccg	accgcgagct	caggctgtag	600
ctgccgcccg	gcctgcctgg	ggctgggagc	cccagacacc	gacaccctga	ggacgtgtgg	660
agctaagggtc	atatcatctg	accagggtctg	gaggctggcg	ggaggctccc	tgaaagtggg	720
tgcgaaggag	tccggtctgg	atgaaaatct	gactttgccc	agctcttttc	cttgatgcag	780
gttcccagtg	tggaaggaa	ctaaccagtt	ctcgggtgata	actgaagctg	gaacgtgtga	840
attattagga	attctttgaa	gaactctgca	ttgagaatta	tttttattta	gttttttttt	900
tttttaattg	agagtatata	gtccagtcca	ggtaccggaa	taaaaatatg	gagacaaggg	960
gaaaatatatt	tacgaagctc	tgtgttctca	acgcctctcat	gaacttttca	gtaggctgtc	1020
tggtttatgt	gtggtcaact	tgaaaaacta	attgaatcta	ggtctctgta	ttgttcctgt	1080
ttctaccctg	actgtttccg	tcacaccaag	cccttatctg	gggcgcgtct	tcctgcccag	1140
gtggaacact	ggcattttgt	tgactgtcag	gttaggtgtc	ccttagtcgt	catcagaagc	1200
tgaagccttc	ctttccacac	cctcatcaga	ttcatctcca	ctgataaccg	gtttccttga	1260
tgacagacata	gtttagcttt	ctttgactgc	agagatgtct	cattccacag	acatttcttg	1320
aaccatttg	atg					1333

<210> 3989

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (136)...(816)

<223> similar to gi202676 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3989

cggggtcacc	caagcccttg	tgcttgtcaa	gcgtcttcgt	tttcacaaca	tcgtagattc	60
tttctttgaa	gcctaggcgt	tgatgggagc	tgtctggagc	aggggtcccc	agccccagc	120

```
ccgcagactg atactagtcc atgacctgtt gggaaactggg ctacacagca ggaggatctc 180
taccaccagt cctatgaatg cgtttgtgtc ctcttcgcct cagtcccaga cttcaaggag 240
ttctactctg aatccaacat caatcatgag ggcctagagt gtctgaggct gctcaatgag 300
ataattgctg attttgatga gctgctctcc aagcccaagt tcagtggggg ggagaagatc 360
aagaccatcg gcagcaccta catggcagcc acaggcttaa atgccacctc tggacaggat 420
gcacaacagg atgctgaacg gagctgcagc caccttggca ctatgggtgga atttgccgtg 480
gccctggggg ctaagctgga cgtcatcaac aagcattcat tcaacaactt ccgcctgcga 540
gtggggttga accatggacc cgtagtagct ggagttattg gggcccagaa gccgcaatat 600
gacatttggg gcaacacagt gaacgtggcc agccgcatgg agagtacagg agtccttggc 660
aaaatccaag tgactgagga gacagcatgg gccctacagt ccctgggcta cacctgctac 720
agccgggggtg tcatcaaggt gaaaggcaaa gggcagctct gcacctactt cctgaacaca 780
gacttgacac gaactggacc tccttcagct accctaggct gagattgcac tcgccttcta 840
agaacctcaa taaagagact ctgggggtgtc tggagccc 878
```

```
<210> 3990
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (344)...(118)
<223> similar to gi4262296 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 3990
ctccagaaag ggaaaacagc acggtgaagg ggagcatcaa atctgtctgg ctacttctgc 60
atgaaggaaa tgaagggtca tgaaaaactt gtccatgggc caggggtggaa ggaatggtgg 120
gggaccagat tccatcaaga ggccccatgt aaatggaagt tgctgttgca ggctggtatt 180
gggcttgcaa ggtcatctat aggtgaaatc attataatct agaagatata aacttaatga 240
gagtggtaaa aaggcaggga ccaaatagta aaagaagaat gatgaggaat aaaggtccaa 300
ggaatgggag aagccaagtg atttttggaa accaaccagt aaagggtttt gcccagtttt 360
gattactttg agaaagtata tgctagctca ctttggctat cacttatatt tgcatttcat 420
gtccaatata atc 433
```

```
<210> 3991
<211> 1046
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(757)
<223> similar to gi3012097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 3991
ggcacgagtt ttcaaagact aagccaagtc caagactttg gatttcattg atgtgcttct 60
gctgaacaag gatgaagatg ggaaggcatt gtcagatgag gatataagac cagaggctga 120
caccttcatg tttggaggcc atgacaccac ggacagtggc ctctcctggg tcctgttcaa 180
ccttgcgagg caccagaat accacgagcg ctgccgacag gaggtgcatg agcttctgaa 240
ggaccgcat cctaaagaga ttgaatggga cgacctggcc cagctgccct tcctgaccat 300
gtgctgaag gagagcctga ggttacatcc cccagctccc ttcattctccc gatgctgcac 360
ccaggacatt gttctcccag atggccgagt catccccaaa ggcattacct gcctcatcga 420
tattatagg gtccatcaca acccaactgt gtggccggat cctgaggtgc tgccttcccc 480
attcaccacc accaccccc tctctactt ttgtgtgtgt gtgtgtgaat tccaagggtc 540
ctagtggagg gggcaggggt ttgatgagga aaatccaaca tcacctcacc caaaaacaca 600
cacaagtgtc tctccaaggc tgctggacat aggaaatccc actggcaaac cttttttgtc 660
tcacctgcag gtctacgacc ccttccgctt tgacctcagag aacagcaagg ggaggtcacc 720
tctggctttt attcctttct ccgcagggcc caggtaagag cgccctgtgt ctgaggcagg 780
gatgggatga tgggtgcggg agttaaaaaa agggggacgt tgcagatggt cccagttcca 840
gctctccttc cctccattcc ttcacagttt atgggaaaac gtccatagaa tggggatgag 900
tagcgtccta gaggggtccg cggagtgtc aaaatcccct tctccatctg ctggtctgag 960
ctgggagctg gagtcaggcc cagtctccgg gacatacaag cccacatggg agtcccaggc 1020
acgcttagtc tttctctctc tctctc 1046

```

```

<210> 3992
<211> 596
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (281)...(39)
<223> similar to gi4902474 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3992
tttaacacca gactatcacc actttaattc tcctccctgg ccctaactac tgaatTTTTT 60
attaaagcca taagctgcga tggaacctaa cctctgtgcc cttcaatgt ggaacatgtg 120
gtcatcaaag aagatgtggg gccgatctt caccaagatg ggacttttgg gggctccagc 180
aaggaaaaga gcttcgtcta tctctagacc ccagcgtcga agggctttca gcacacgggc 240
gcctgaactg gctgcactcc tagctgtaac cagccatcat ccatggaaag tccagattag 300
cctcctggat ggatttgtga gaagcagagc ctctcctcca agccagagaa gccattgtgt 360
accagctcgc cctattagca taccatgtgc ccaggagtaa acagtgccca gagatgctct 420
ctgcaccaca ccaccactgc tggggtcggg gagcggagtt ggtgatccag gaatgttttc 480
ctgtttcttc agtgctctt tcagtatat gaagttaaaa ccagggacac aggagagaa 540
taagctgaca ccaggagaca cagctgacac tggggagaag tggatgaagc agcatc 596

```



<210> 3993  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (783)...(593)  
 <223> similar to gi4835575 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3993  
 tttttttttt ttaagaccct catcaataga tggagacata cagaaatagt caaaccacat 60  
 ctacaaaatg ccagtatcag gcggcggtt cgaagccaaa gtgatgtttg gatgtaaagt 120  
 gaaatattag ttggcggatg aagcagatag tgaggaaagt tgagccaata atgacgtgaa 180  
 gtccgtggaa gcctgtggct acaaaaaatg ttgagccgta gatgccgtcg gaaatgggtga 240  
 agggagactc gaagtactct gaggcttgta ggagggtaaa atagagaccc agtaaaattg 300  
 taataagcag tgcttgaatt atttggtttc gggtgttttc tattagacta tggtagagctc 360  
 aggtgattga tactcctgat gcgagtaata cggatgtgtt taggagtggg acttctaggg 420  
 gatttagcgg ggtgatgcct gttggggggc agtgccctcc taattggggg gtaggggcta 480  
 ggctggagtg gtaaaaggct cagaaaaatc ctgcgaagaa aaaaacttct gaggtaataa 540  
 ataggattat cccgtatcga aggccttttt ggacagggtg tgtgtggttg ccttggtatg 600  
 tgctttctcg tgttacatcg cgccatcatt ggtatatggt tagtgtgttg gttagtaggc 660  
 ctagtatgag gagcgttatg gagtggaaagt gaaatcacat ggctaggccg gaggtcatta 720  
 ggagggctga gagggcccct gttaggggtc atgggctggg ttttactata tgataggcct 780  
 cgtgcc 786

<210> 3994  
 <211> 2278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2279)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (520)...(800)  
 <223> similar to gi5901651 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3994  
 ctatttgggg acccccggtt tttcccgtc ccccgttgt taaaaccgg cccgtgaaat 60  
 taatttggg ggccccaaaa aaaaagtttt accttgccag gccggggaag ttaaattgga 120  
 tcctttaaaa cgcccccccc tttttttttt ttttataagg ataagcaagc ttttattccg 180

tcaagagaac	aaaggtcagg	acttttatcc	tggtgggggg	atggggagtc	cagattcctt	240
ctctgatgag	gcaaaaaaag	aatcaagact	cctgttcaag	taaagggcag	agggtgagag	300
ctagtactct	tattctagaa	aggaagtaga	tacttttctt	tgataaagga	atgaacggta	360
gactcctagt	ttgcagaaaa	ggtgggaaa	atgtgacttg	tacttttgta	aggagatagg	420
gaaggaatta	aggctattac	tctgaagaaa	gttggggggc	cagggctcct	atttttttgc	480
tgaggagatg	gaagatcagg	gcttgtattc	aataagaatg	ggagggggcca	ggggatgcct	540
ggcaaaaagcc	ttgcactgtg	aggtgcaggt	agaggctttt	attctggtga	gaggacatgg	600
actctctctc	tcccctcagg	taactgtgcc	ctgtaccagc	ggggaggctg	gtggtaccat	660
gcctgtgccc	actccaacct	caacggtgtg	tggcaccacg	gcggccacta	ccgaagccgc	720
taccaggatg	gtgtctactg	ggctgagttt	cgtggtgggg	catattctct	caggaaggcc	780
gccatgctca	ttcggcccct	gaagctgtga	ctctgtgttc	ctctgtcccc	taggccctag	840
aggacattgg	tcagcaggag	cccaagtgtg	tctggccaca	ccttctttgt	ggctcagtgc	900
caatgtgtcc	cacagaactt	cccactgtgg	atctgtgacc	ctgggcgctg	aaaatgggac	960
ccaggaatcc	ccccgtcaa	tatcttggcc	tcagatggct	ccccagggtc	attcatatct	1020
cggtttgagc	tcatatctta	taataacaca	aagtagccac	agaccgtgtc	tggtttgat	1080
ctgcacctgg	caggggtcac	tccctgggcc	cgccctctc	gtcctccacc	tcctcctctt	1140
cctcctcctc	ctccttcagg	tcctccagga	tgaggttgtc	caggtcttcc	aggaggccac	1200
cctggctcaa	gcaggtggcc	acagtggagc	cactgcta	gtgaggggtg	ctggggtgga	1260
gcactttggg	caggtgggtc	tgcttccggc	tcttgggggtg	agcacaggat	gtcccaggca	1320
cgtggggctc	tcgcccgttg	tagcagtcgg	cagctgagca	ggagtgagtg	tgggtgctgc	1380
ggcgatccgg	gtcccgggtc	cagcgcgggg	ggaggatccg	tggtggatac	acggggaagc	1440
cgcacccgta	gcagggggac	ggggacccca	tctgtgccca	gcccctgggg	gcgggcaggg	1500
ctgtgagggg	ccgagggcga	ggctggggcca	gggtggggcc	agggcagggg	ggggcagggc	1560
tggggtaggg	cagggctgag	ggggagctgg	gggtcagcgc	cctcaccgga	agttgtgccg	1620
acacttcggg	cagtggaa	cagccaggcc	ccacatcttg	tcagctggca	ctggctcgta	1680
gcgcttcggg	catttcgggc	accgggatac	ctccttcgc	tggggcacgc	ggcgccacca	1740
gacgtggtcg	caggaggagc	aggcaaaactg	ccggtccaca	gcagggataa	ggtcgtcctg	1800
ggcacgttga	aacatgcgta	ggttggtctt	tgtcagtggc	aggagggagg	tcgccactgc	1860
ctgaatgtcc	cggctcctgct	tcatatcttc	tggtggatcc	tgggcatcca	gatcggtact	1920
tagttcttgg	ccatcttttt	gctttacccc	gtacacgatg	gagcgcccca	ctcccgtgtg	1980
gtcgtgccc	aatttcctca	tcagagcccc	cgccttcttg	gaggataacct	tcocatgaaa	2040
cttctcccgg	aggcgccgga	cgctcttctc	cagctccaca	ccttcctgag	acatggtggc	2100
ggcggcgcag	ttccccgcga	gggtccgcac	tgcgcggctc	agccgcccc	ctacctgggt	2160
gcgcccgtcg	gtccagcagc	cgcgcagggc	agggggcggt	gcctcggggc	cggctgantt	2220
ccncgncntg	gccagggtca	tcaaagggtat	caaaacngcc	tctnctggtc	atgctgct	2278

<210> 3995

<211> 1307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (182)...(736)

<223> similar to gi244774 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3995

ggcggaattc	agagagtgag	accctgtatc	aataaagaaa	gaaagaaaga	aaagaaacag	60
aaataaactt	aggacacagc	agacggccca	tcctgagggt	accacatagc	agatgctggg	120

accttttttc	agggtggacgc	cacatgacct	ttccttttga	ggcatccatg	ctgatgttca	180
caaggcacac	agcattttcag	ctgaagaaaag	aactggcagg	attttcatca	cgaaggga	240
ctgtctatcg	tttatgaaaa	tgaagcatat	gaagtaaaag	tttggaaca	gatggaatta	300
aatcttctga	cagatttttaa	aataagatct	aaaaaagagc	aagacatgct	cttgatggg	360
gaaacttaat	atcagaaaaa	tgtcaattttt	cccatttttt	ccatataaat	ttaatgtaat	420
tcaaatcca	ttaccaacag	ggtgattttt	taaaaaacta	gataaaatga	tctgaaagat	480
tatgcagcag	aataaatgcc	caagaattac	cagggaagac	tggaaaaaag	actgctgtgg	540
gggttttgcc	ttcctggaaa	taagaccata	ctgcaaagtc	actgtaataca	gatcaatatg	600
gcattggcag	aggactagac	aatggaaaagg	aatggagaat	acaaaaataa	gtttcaggat	660
atatgagaat	gagatatatg	ccaaaggtag	tattttgatt	cggtgggaga	agggcagact	720
gtgaagtaag	tggtagcagc	cacaactgaa	tatccatctg	ggataaaata	aaattgcact	780
cgtcttagag	atccaaatca	acttcagatg	gattaaaact	ttgaatgtaa	aaaacataaa	840
tgactaacag	tcctgcaaaa	tatcttgagg	acaacctgtg	ccatctggag	agtgggaaga	900
gcacatgcaa	aggccaagggg	gtggagcagc	ccagcatggt	ctggaaaagg	tagggctccc	960
caaggctggg	atgatgggtg	agacctgggt	gtgtgggagc	acaggggtgg	gggccgtgg	1020
gccaggaatg	cacagagagg	ggctgggtgct	ctgccgcagg	cccaagcccc	caaagcccgg	1080
tcattcccag	caccatcttc	acgggtttct	gccaggtct	ttctgctgca	tctcttcctc	1140
ccccgattcc	ttaatcatctt	tttttaaaat	cagttcatgt	ctttgtaaac	caaattatctt	1200
ctaaaaggca	aatttatatt	actgccgaaa	tcaagggtca	gtgagctagt	tgtgtatgtt	1260
ctgaatcaca	tggaaataaa	tgcacgaac	attaataagg	aaaaaaa		1307

<210> 3996

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (33)...(345)

<223> similar to gi4589582 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3996

aatcgaaac	tgtaccaact	ggcggaattc	caatccctga	gcgctatgtg	gagctagatc	60
ccgaagagcc	accagcctt	gaggagctgc	aggcgcggtg	ccgcaaagcc	gagaagatcc	120
gcaacatcct	cgcccgggtc	agcatgtgca	acctacagcc	gacctcaggc	caggaccaga	180
acagtgtggc	tgacctggac	ttgcagctgc	aggagcagga	gcgcatcatc	aacatctcct	240
acgcccctggc	ctccgaggcc	tcccagcgta	gcaagcaggt	ggcagcccag	gcagtgactg	300
acccgtgacc	cagcatgcaa	agaagcctgg	agccaggggc	ccagtggaa	cagcttcttc	360
caaggagatg	acctttctgc	ccccaaaggaa	accccttcca	gctgagcagg	gaatccggcc	420
ggaggaaagg	gcagcttacc	gactgcgggt	gttcaccaca	ggccaggccc	taatatgcac	480
ccactagttt	agctcagact	cctctctaca	tatgaatggc	aaaggcactt	ttgatataca	540
ctgtaaaata	cactgtatctt	tagaatcgga	atctatcttc	taatgttccc	ctcaagggtc	600
gagtggcagg	aagggttgagg	atgcaggact	ttgcagctgc	acgtacagat	tcagggtactt	660
ctgggtgaca	ggtgttgtgg	gggcagggaag	ggcggggcaa	gccgaggcta	gtccaaacttc	720
caatgacctc	aggagaaagt	gagattttaa	gagggtgttcc	cagtagactc	cagcaagagg	780
ctggtttggcg	tgctgtctgg	gagaagaggg	gcccttggct	gcagagatca	gctgtccctg	840
acctgatgac	cagctctgtg	tgaactcca	cgaggatcac	acgtggagcc	caagtctgtg	900
ccttgcccct	tgggttttggc	ttaagggcaa	cagtgtgttc	aagaggactg	gggcccacaa	960
cctgccccca	ggcttcctcc	agcaaaaggc	tttttctctt	ctgacagttc	tagatcgcca	1020

<210> 3997  
 <211> 1095  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (19)...(7)  
 <223> similar to gi3172339 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3997  
 ggctgcagc agctgtcggc gctgcagcct gagccgggcg ggggtcccgt gcactcgtcc 60  
 tggaccttct ggctcgacag atccctccct ggtgccacag cagctgagtg cgcatacaat 120  
 ctgaagaaaa tctacacagt acagacagta cagatatatt ggagtgtata caataatatc 180  
 cctcctgtga ctagcctgcc tttgagatgt agttatcatt taatgagagg agagaggcga 240  
 ccactttggg aagaggagag taatgcaaa ggtggcgtat ggaagatgaa agtccccaag 300  
 gacagcacgt ccacagtttg gaaagagttg ctgttagcaa ccatcgggga acagttcaca 360  
 gactgtgccg cagcagatga tgaagtaata ggagttagtg tcagtgttcg ggaccgagaa 420  
 gacgtcgtcc aagtctggaa tgtaaagtc tcttttagtg gtgaagcgac tgttttagaa 480  
 aagatctatg aacttctgcc ccacataact tttaaagcag tattttataa accccatgaa 540  
 gagcatcatg cttttgaagg tggacgtgga aaacactaat tgcactctgt aaagaattct 600  
 ttgtcctttg ctgattgggt ttggaaaacg tcttaacagg agggagagtg aagagaagac 660  
 ttgccgaagc cgatgctggt caatttagag tgggtttctg tccttgacaga tgggcaatta 720  
 ggactcaaa gggcaggtgg ggtgggggga gattgtgtgg gtttctaccg tcacattact 780  
 tgctttttta aaaaaacaca cacaaaaaac tttttttttg gctttctaaa atctctgttc 840  
 ttttactctt gatttttttt ttttttgccc gtaaaaaatc ctttatcccc ccaaataatg 900  
 gttttcaacc cccccctttt attggggccc aaaaaagggg gttccccctt aagaaccccg 960  
 gtggccccta ttaaaggaaa aatgccaaat cgggaaaaaa ccggttttga aaacccccct 1020  
 tggccagggg gaacccttac ttggaaaaaa ctgggttttt aatttttggt gggaaccctt 1080  
 ccttatgtcc gggggg 1095

<210> 3998  
 <211> 1064  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (470)...(497)  
 <223> similar to gi2352427 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3998
cgctcaagat ccttaactga atcccatctg caaagtcctt tgtgtcatct tgggtaacat    60
atgcagaggg tccagagatt agggcatagt cagtacaggg gacccttatt ccacctacca    120
gagaggggtcc agatgaggac tgggtgaggg gacgcagggg aagggctggc ccggccccta    180
ggaggtacca agtgctcagc tagtagcacc tgtcatggga tacagaaccg gccagcaggc    240
ctttgaagcc agggtcctag ggtcacccac cccaaccctt cctactccct tctgcaactcc    300
agactctgaa gaactggcgg cttcagcagt acagccacga ctcggcagac ccaggcatcc    360
tcgtgctcct ggctgcggg accatatcca gcacctgcgg ccaaatagcc ccttaccgcg    420
tggccctggc ccggacccgc atgcaggcac aaggatttca tcatgttgcc caggctcatc    480
tcgaactcgt ggggacaagg aattggccag cttcagcct cccaacgtgc tgggattaca    540
gccggtgggc atgccatgag caaccttatg gagaggacca tgtggttaagg aactcagcca    600
atagccatgt aactgagctt ggaagaggat cttgctgtcc tggccaacat ctcaactgcaa    660
ttctatcagt tgaattccct ggatagtcca agctttgtgg atccctccac cgaaacaact    720
ggatcccagt acctgaatcc tgaatcttag actcttatac ttcaaact gatcacggga    780
acagccggct cagcagctcc tgagttccta atgctcagaa catggatgag atgataaatg    840
tttgttgtgt taagctgcc aaccttggcg ggggggtaat tcgtcacatg gcaacagctg    900
gctaatacat atatacctac atgtaaaaaa aaaaaaaagg ggcgccgtt taaaaggaac    960
aaagtttact taccgggcg tgcgagttaa ttttttttt atggggcccc cttaaattaat   1020
ttcccgggcc gtcttttaac aacgtgggga ggggaaaacc cctg                               1064

```

```

<210> 3999
<211> 1567
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (544)...(1001)
<223> similar to gil657464 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3999
cccacgcgtc cgctccaggc tcctggagtg cctcatgctg gctaagttct ctctgggctc    60
ctccaggggt tctgtgtgct cttggagggt cctctgctag tgggtggctaa ctagagagtc    120
agcagggggg tgactgggaa agagggagag gtgatgttgc ctgctactcc cctccttgcg    180
gaccctcata ccacatgacg tggcggcgtg gggccaggaa ctagggaagg cagaaggcgg    240
gcgcagtggg cagctctctg ggctcagctt gctgaggggg cctcctgtcc tggctctttc    300
tgggagacct cattcttctg cccatgttcc tgccctcacac attccccgtg atgaacgtg    360
tgggcggggc ccggcctgtg cctcagtcac cacagctcct ctagtgtacc tgccccgtgg    420
gaaccccatg tggaaagagc cctcagaact gacaggaatc agggacagag gcccttgctg    480
tcagcctcct gggcacctgc acctgccagg cctctctttc ttaccagccc agtgctgctg    540
ccaaaatcca gggctatccc agctgcccgg gaccccagtt gagccgggat attttgtctt    600
ctggagatgg ctggtgggca ggccctcagt gtcatcatag ggtctgcggg ggtcctgggg    660
tgcaggtggg gctcctcagg gaagagccat agtctgtccc caagtcggaa gggtaatctt    720
catcttctct cacaggagcc acaaacact gtggtacaca acgctacaga tgggatcaag    780
ggctccacag agagctgcaa caccaccaca gaagatgagg acctcaaagt gcgaaaacag    840
gagatcatta agattacaga acagctgatt gaagccatca acaatgggga ctttgaggcc    900
tacacgaaga tttgtgatcc aggcctcact tcctttgagc ctgaggccct tggtaacctc    960
gtggagggga tggatttcca taagttttac tttgagaatc gtgagtgggt tcgtgctgct   1020

```

gatatactcc	tgcttgcgcc	tttaccctt	tgtctctgtc	tcctgtcac	cttctcatcc	1080
cagttgcca	cttttccctt	atttgacctt	cgtgctgcac	tcctactctg	tatgcttgtc	1140
cccttgtgcc	ccgatgggtg	tagacaggca	cctttgaagg	ccctgtcct	gagctccaag	1200
tgccattcat	tctgcagctg	ctttgtggca	gtgccagtca	ccacaatcaa	gctcacttat	1260
ttcttgccgg	gcgcggtggc	ttacgcctgt	aatcccaaca	ctttgggagg	ctgaggctgg	1320
cggatcacga	ggtcaggaga	tcgaggccat	cctggctaac	acggtgaaac	cccatctcta	1380
ctaaaaatac	aaaaaattag	ccgggcgtgg	tggcggtgcc	tgtagtccca	gctactcggg	1440
tggctgaggc	aggagaatga	tgtgaacctg	ggaggcagag	cttgcaagtga	gccaagatca	1500
ggccactgca	ctccagcctg	ggcaacagag	caagactcca	tctcaaaaaa	aaagaaaaaa	1560
ttatttta						1567

<210> 4000  
 <211> 1273  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1239)...(731)  
 <223> similar to gi733558 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4000		
cccagcccg	cgaggtgtct aactgagtgt aaggtaaaat gctcaaggga agcggctgcc 60	
ccccccccc	cgtttcagga gtccccccgc cccccccgtc ttcttcggtt attgggcctt 120	
ttattatggt	tgtgttgagg tctgttaaag aaaatatata ttattataa aataaagtta 180	
gtttcatgaa	gagagtagaa aaataacact atgagctact aaaaaagttg tggaactcag 240	
tctccgagga	ttggggtgag aggcctttcac atcactctgg aaaccacca acatgaggct 300	
ctccgtgctc	atgtgggaca ggtatagcac agctcgtaca gggagcatgt ggctcaggtc 360	
ctgcttgaag	ccaaggagc ctagatggtc cacacgagat gctctggcca cggatgatcaa 420	
ggaggagAAC	ttgaggtcag caggggactg gttctgagaa ggggcaggat ggggaataacc 480	
ttgccccctc	ctatactgga gtgtagaaga gtctcttggg ctgatggacc tggtttagaa 540	
gatggtaccc	actggcctta tgctgagttg cttgcccAAA tgtctgtgct gaagaaaagc 600	
cacacagcct	ttctcaggac aacttgcccc accaattctc actggtgtgg cttaaagtacc 660	
agaagcaata	tgtgtggtgt cagcctgatg ggctgctggc tgaaattctg tacttcaaAT 720	
cgtgtccata	ctggagaaaag cagccaaggT gagcacctca agtaaaagct ctgagccaca 780	
gaagaagagc	aagatgccat tcatgatggc ttccaggcgg agtacgtagg tctgcagcag 840	
caggtaatag	gaggccatca tggcagatgg gaaggTcaag gccacgctaa tactgagtgg 900	
catctttcgc	tggcagaggT ttccctttgt accaaaaaac aggcgaatta cttcaattcc 960	
aagataaagg	aggagcatca ccacatccag tactaggTta gctgttggaT atggtagcag 1020	
gacaccttta	tacagaaata tgaaaagTtc cagcaggaaa taggtagcat tataaccacc 1080	
gttcagaaag	aacaggattt ccagcggggT ggaggacaac cgtttacctc cggaatctca 1140	
cctcgcggcg	ccatcttcag tcccctggc agcatacgct gccacaccgg ctcccggagc 1200	
agcgcggcgc	tgccggaaac agggacgaag cggcctgggt ttccggcccc tctgcccgcc 1260	
cgggacactc	tgg	1273

<210> 4001  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (724)...(317)  
 <223> similar to gi2117196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4001  
 ctttccacac catggtccaa gggaagggt gacctgtctg aagagtcccg ccacttgta 60  
 ggatgagacg tggaaaatat tgttgctgta acttaaaaaa caagaccagg ggggttggt 120  
 gggagcaccg gccagcaggc cctgctgagc ataaaccccc tccactggag aaggcgtggc 180  
 ccctgccacac ctggaccctt ctggaaatga gggaagtgtt aacagcagt cccatccac 240  
 aagcattaaa ctcgggaggt ggagactctc cagcagaaag ctgggcagca gagtggctct 300  
 gcccctcggc ccacaaaggg ccttggccga gcatgggcat gcctgggtgtg tgccactgg 360  
 ggtccatccc tgccagtggg gttccaggga cctcggggac cgggctgctt gggcccttgg 420  
 actctaggtg agccgtgaga gcgggctggg gcaggcggag cagctgcctg cagggcaggg 480  
 acacggtcag gggctacctc ccggacaccc tggcctctcc acaggcagct atccatgatg 540  
 ctgatgctgg cgcagtcaaa cccgcagctg ttcgcgctta tgggcacccg ggcaggcatc 600  
 gccagggagc tggagcgtgt ggagcagcag tctcggtctg agcagctgag tgccggcagag 660  
 ctgcagagca ggaaccaggg ccaactgggt gactggctac aggcgtacag agcccggtg 720  
 ggacagga 728

<210> 4002  
 <211> 1397  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(589)  
 <223> similar to gi1522683 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4002  
 ggcacgagt aaggcagggg cttccatcgt tggcgtgaac tgccgctttg ggcccgagac 60  
 cagcttgaag acgatggagc tcatgaagga gggctcttgg tgggcagggc tgaaagcgca 120  
 cctcatggtg cagcctctgg ggttccacgc gcctgactgt ggcaaagagg ggtttgtgga 180  
 tctcccagaa tatccctttg gactggagtc cagagttgcc accagatggg atattcaaaa 240  
 atacgccaga gaggcctaca acctgggggt caggtagatt ggcgggtgct gtggatttga 300  
 gccctaccac atcagggcaa ttgcagagga gctggcccca gaaaggggct ttttgccacc 360  
 agcttcagaa aaacacggca gctggggaag tggtttgagc atgcacacca aacctggat 420  
 tagagcaagg gctcgaagg agtattggga gaatctgctg ccagcttcag gcagaccttt 480  
 ctgtccttcg ctgtcaaagc cagacttcta aggagtagtg aaagaaaacc ctgaaataat 540

cgaacaggaa	aaagttgccc	tcaagcctga	cctggaaccg	ttcctcacct	tcacccctcac	600
catgccctgc	tatctccagc	tgctgagcag	ctgaggtgct	gcagcccctt	cccttccagc	660
ccacaagtgt	gtgcatattg	agctcctgct	gtggttaagc	actgcaacag	actctaccag	720
agatgcaaag	agaagcgaga	gaggcacctt	gttctccaag	aacttactgt	ccaatcatgc	780
tgtggtgcat	tcctttgaag	atcatgaaga	atagccaaac	ttgtctttga	gggtgaattt	840
gacactttta	aataatcaga	agtcactgag	acccaaagct	agtgaataat	tcaagtgact	900
aagctagata	cttgaggatg	atagagcaac	actaaactaa	agcaatgagt	ctgctttttt	960
taatgattta	tacaatgact	ccaaaggcaa	tcccaaagaa	aagatgtaaa	gaatgttttg	1020
agcaatggta	gcattattga	aataaatggt	taactatcca	aagtgattac	tttcaaagat	1080
gatttttact	taaagatatt	aggtctggcc	aggcgaagtg	actcacacct	gcaatcccag	1140
cactttggga	ggccgaggcg	ggcggatcac	ctgaggtcag	cagttcaaga	ccagcctgac	1200
caacatggtg	aaaccctgtc	tctacaaaaa	tacaaaaatt	agccgggcat	gatggcgggt	1260
gcctgtaatc	ccagctactc	gggaggctga	ggcaggagaa	tcgcttgaac	ccaggaggcg	1320
gagcttgacg	tgagccgaga	tcaggccatt	gcacttcagc	ctgggtgaca	gagtgaagct	1380
ccatctcaaa	aaaaaaaa					1397

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<210> 4003
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (820)...(593)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4003						
ttttttcaca	aattataata	ttttattata	gaaaaagggt	gccccaaatac	aggattttcgt	60
aaacactggt	aggtgaacaa	gtgcaatttt	aaaagtaaat	acaaagtaga	ggcaaaacct	120
acaagcattt	tgccttcaga	agaaaatcgt	aatgttctcc	tgcactagtg	atccccacca	180
gaacacaaat	gtggctccat	ctcccatgaa	agcatcatat	ttgctttctg	agctcagtat	240
tcccatattca	ataattgcaa	agtgatggca	agaagtggca	ctgaatacat	tactacaaac	300
ccttgactta	aaatattgag	acaggggtctt	gccctgtcat	ccaggctgga	gtgcagtagc	360
gtcatcatgg	ctcactgcag	cctcatcctc	ctgggctcaa	gcaatcatcc	tgtctcagcc	420
tcttgagtgg	ctgggaccac	aggtatgcac	taccatgtcc	atgcctggct	atttttttaa	480
ttttttacgt	tgcccaggcc	agtctgaaac	tcctgacctc	aagtgatcct	cccaccttgg	540
cctcccaaag	tgctgggatt	accggcatga	gccactgcac	ccagccaaaa	cctttaattt	600
ttttttttct	tttttgagat	ggagtcttgc	tctgttgccc	aggctggagg	tgggagagct	660
gccggaagga	cttatcacag	taggagcagt	ggtagggctt	gacgcccagg	tggatgcgca	720
ggtgctgggc	caggtaggag	gcgttggcaa	aggacttggg	gcagtgcggg	cacttgtggg	780
gcttggcctc	tgtgtgcgac	ttggagtggg	tctgcatctc	tgacttggtg	aaaaagggtca	840
gtgggcatac	cttacc					857

```

<210> 4004
<211> 2919

```



```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(514)
<223> similar to gi2347100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4004

```

attaacctag gaaatacatg ttatatgaac agtggttattt aagccttggt tatggccaca      60
gatttcagga gacaagtatt atcttttaaat ctaaatgggt gcaattcatt aatgaaaaaa     120
ttacagcatc tttttgcctt tctggcccat acacagaggg aagcatacgc acctcggata     180
ttctttgagg cttccagacc tccatggttt actcccagat cacagcaaga ctgttctgaa     240
tacctcagat ttctccttga caggctccat gaagaagaaa agatcttgaa agttcaggcc     300
tcacacaagc cttctgaaat tctggaatgc agtgaaactt ctttacagga agtagctagt     360
aaagcagcag tactaacaga gaccctcgt acaagtgcgc gtgagaagac tttaatagaa     420
aaaatgtttg gaggaaaact acgaactcac atacgttggt tgaactgcag gagtacctca     480
caaaaagcgg aagcctttac agatctttcg cttgcctttt ggccttccta ttctttggaa     540
tacatgtcat gtcttgactg cagccaatca cccagtatac aagatgggtg tctaatacaa     600
gcctctgtac ccggtccttc agaagaacca gtagtttata atccaacaac agctgccttc     660
atctgtgact cacttgtgaa tgaaaaaacc ataggcagtc ctctaatga gttttactgt     720
tctgaaaaca cttctgtccc taacgaatct aacaagattc ttgttaataa agatgtacct     780
cagaaaccag gaggtgaaac cacaccttca gtaactgact tactaaatta ttttttggtc     840
ccagagattc ttactggtga taaccaatat tattgtgaaa actgtgcctc tctgcaaaat     900
gctgagaaaa ctatgcaaat cacggaggaa cctgaatacc ttattcttac tctcctgaga     960
ttttcatatg atcagaagta tcatgtgaga aggaaaaatt tagacaatgt atcactgcca    1020
ctgggttttg agttgccagt taaaagaatt acttctttct cttcattgtc agaaagttgg    1080
tctgtagatg ttgacttcac tgatcttagt gagaaccttg ctaaaaaatt aaagccttca    1140
gggactgatg aagcttcctg caaaaaattg gtgccctatc tattaagttc cgttgtgggt    1200
cactctggta tatcctctga aagtgggcat tactattctt atgccagaaa tatcacaagt    1260
acagactctt catatcagat gtaccaccag tctgaggctc tggcattagc atcctcccag    1320
agtcatttac tagggagaga tagtcccagt gcagtttttg aacaggattt ggaaaaataag    1380
gaaatgtcaa aagaatggtt tttatttaat gacagtagag tgacatttac ttcatttcag    1440
tcagtccaga aaattacgag caggtttcca aaggacacag cttatgtgct tttgtataaa    1500
aaacagcata gtactaatgg tttaagtggg aataacccaa ccagtggact ctggataaat    1560
ggagacccac ctctacagaa agaacttatg gatgctataa caaaagacaa taaactatat    1620
ttacaggaac aagagttgaa tgctcgagcc cgggccctcc aagctgcatc tgcttcatgt    1680
tcatttcggc ccaatggatt tgatgacaac gaccaccag gaagctgtgg accaactggt    1740
ggaggggggt gaggaggatt taatacagtt ggcagactcg tattttgatc ctgagagagt    1800
ccaaaatgca ctggtcacga aacgtctaata actatgactg ttaaaatgtc agactataac    1860
aaatatctat cttttatttt tcattagacc cttatacttc aagagaacac actcagtgtc    1920
tgtttttatt ttcttgacac atttattaac aaaatgcac atggaaaaaa aatctacctc    1980
ttaaaattca ttgtctttta tggtagaca tgcttgacca aaaatgttca gaagaaaata    2040
tgtacctggt ccctaattaa gctgcgttaa atttggtaga agcatttaaa tgggtctatct    2100
tcagttttac tgaacaaaaa atgtaattta tttagcatte ttataaaaag aattgatgct    2160
agaggtaaaa aaaaatactt gtttttaaaa aatcctttac gtcttggtga attaccccat    2220
tattaaattc aagtccttga aaatcaacta gagattataa agtctctaaa gaaggcaata    2280
acaaaattta tcaagatata gtacttttca gtttttggtt agtgtcttca gcatcactgt    2340
gtctgtattt caagtacaaa tgttttttaa aaggattctt tatacatatg tgctgaattg    2400
attttaagaa agttgcatga tctgttagga gcaacatttt tactaaaaaa atgctaactt    2460
tatagtattt ctaattgttc aaggatttta aaattctatt tcaggaggta tatcttctgt    2520
ggttttgaag gaggtgagtt ctgtatgtgc cttgcagtac tgtaattcaa aaataggaat    2580
ctttggctgc aaaattttta tgaaatgtta ggaagtaatt ttcgtgctaa cattaaaatt    2640

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ataacttttt	gaaaggtaat	agattttcca	gaagtaaaat	ctgatggttc	taaatcaatc	2700
aatgtgatag	ttcattttta	actcttagaa	gaattcagag	gaaattaacc	cagctaagta	2760
aaaaatctgt	cttgattttg	ttacttattc	ctcagaatat	taaacattga	tcacatattt	2820
ttagagtttt	acatttgggt	tttttgtttg	tttgtttcag	tcatatgttt	ggcactgttg	2880
tttctatttt	cgtagtttta	gataaaatgt	taaaatgcc			2919

<210> 4005  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (644)...(770)  
 <223> similar to gi307095 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4005						
gactgaggta	ggagaatccc	ttgagcccgg	gaggcagagg	ttgcagtgag	ccgagaccac	60
accattgcac	tccagcctcg	gtgatagagt	gagactccat	ctcaaaaatg	atacagaagt	120
tatatccttt	ttttgttttt	agacagtctt	gctctgtcac	ccaggctgga	gtccagtggc	180
tcaatcacag	ttcactggct	cgctgtagcc	tcaacctcct	gggctcgagt	gatcctgcag	240
cctcagcctg	ctgagtagct	gagactgcag	gtgcacacca	ccatggccgg	ttgattttat	300
tacttttagag	ccagggctctc	actgtattac	caaggctggg	catgaatttg	taaaagattt	360
tcaaaggaag	gaaggaatga	cttaccacga	gtgagcaaca	gttttgggta	aactgatggc	420
attcacacta	cttgtaattt	cctcctaggt	gtgatctgtg	ttttattttg	cactttaaat	480
gaagctacct	tatcgagata	agtcttcccc	atggtgtcat	aggctggcat	cacagcttta	540
tggttaattg	cagcccagat	tatacgaggt	cccccatgcc	atgtagatgg	gatgccactt	600
gtatgtagca	tttccagtc	ctctctcctg	acctttcccc	ccagataatg	aagggttctgg	660
aagcaaaagg	cccaaggtgg	agtattcaga	agaggagatg	aagaccacac	tcagcaaggg	720
tacgtgcgc	aagttccctg	tgcccgtgtt	gaaataggca	aaacgggaat	aatgggtgcg	780
gnngcgtgt						789

<210> 4006  
 <211> 2314  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (16)...(1070)

<223> similar to gi3860741 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4006

ggaattcgcg	agaagcgctg	cagttactgc	aacttcaaca	agtacatccc	ttttcgctg	60
gattaggctg	ccatgcagaa	gtgtctgggtg	accgaagctc	atacgctgct	gcggtctcagc	120
ggggtgcaac	gggtggagtc	tgtgttcttt	ggtgggggga	ccccagctct	agccagctccc	180
cacacggtgg	ctgctgtcct	ggaggctgtg	gcacagacag	cccacctgcc	tgcagacttg	240
gaagtcacat	tggaggctaa	tcctacttca	gctccgggct	ccagactggc	agagttcggg	300
gcagcagggg	ttaacagggt	gtctataggc	ctccagctccc	tagatgacac	tgagctccgg	360
ctgttgggac	ggacgcactc	ggcctgcgat	gctctgcgga	cgctggcaga	ggcccggcgc	420
ctctttcccc	ggcgctgtc	tgtagacttg	atgctggggc	tgccggcaca	gcaggtgggg	480
ccgtggcttg	ggcagctgca	ggaactgctg	caccactgtg	atgaccacct	ctccctctac	540
cagctgtccc	tggagcgggg	caccgcactc	ttcgcccagg	tgcagcgggg	tgcccttcca	600
gcccctgacc	cggagctcgc	agctgagatg	taccagaggg	gccgggctgt	ccttcggggag	660
gctggcttcc	accagtatga	ggtctccaac	tttgcccgga	atggggcgct	cagtacccac	720
aattggactt	actggcagtg	tggtcagtac	cttggcggtg	ggcctggggc	ccatggacga	780
tttatgcccc	agggggctgg	aggccacacc	cgggaggctc	ggatccagac	actggagcct	840
gacaactgga	tgaaggaggt	gatgctgttt	ggccatggca	cccggaagcg	tgtccccctg	900
ggcaggctgg	agctgctgga	ggaagttttg	gccctggggc	tacgcaccga	tgtggggatc	960
actcaccagc	actggcagca	gtttgagccc	cagctgaccc	tgtgggatgt	gtttggagcg	1020
aacaaggagg	tgcaggagct	gctggagcgg	ggcctactgc	agctggatca	caggggtctt	1080
cggtgttcc	gggagggct	ggctgtgctg	gactctctct	tgttgacctt	cctgcctcag	1140
ctccaagaag	cctggcagca	gagaaccccc	tcccctgtgc	caggaggatg	acaaaaatgt	1200
tcctgtgttc	cagggtaatg	ccaggtgggt	tttgagagct	gggtcggtac	tgcagacatc	1260
tccttctccgt	tgtcgggtgc	cgtctctgct	ccttgtgggt	attgctcagc	cctggcatcc	1320
ccaggggaat	ggcagcagtg	aggtagatgg	gaggacattt	ctggtcaggg	aactggcatc	1380
ccattcagca	tctcaggact	cacaggccaa	catgtgttcc	atggctggga	attgcctacc	1440
accacatca	gcttctgttt	accttttttg	catcaaataa	tgaacagtgt	ttggaaatct	1500
ttctacaggc	aattacctcc	ccaagagaag	ccttccttat	tttgagtaga	ggtcctaaga	1560
tagctggatg	aatcaggaaa	accatgtccc	ctctagggtat	tattaatata	agcaggaagg	1620
gatctactat	aggaatgaag	tatttataaa	ccactgaaag	ggatagagaa	gtgaacattg	1680
gagaaagcca	gtagcaactg	tgagaaatca	gcaacttgca	ggaggcacag	aaaactcctg	1740
ctgatggtct	cagcttccag	cagcacaaaa	gcagatgatg	tactggaaaa	tgctcagaag	1800
atgctacaaa	acctcatgcc	tactgtctgc	cactgctgga	gaaggaatca	tggtttctag	1860
aagtgcctct	cattagtggg	ctttaagca	aatcctggct	ggcaggaaat	tctgaggaat	1920
atagctctta	ggcttccagc	ctctaccatg	caggagagaa	cacagaagga	ctgatgtatg	1980
ttggtggatc	catgtatgtg	tccagcacag	cggcctgctg	gactctgaga	actgggaaag	2040
atcagagcaa	gccttgccctc	ttatcttcgg	gaaaccagaa	tatgtttggg	gtggtaggag	2100
ccacacagac	tcttctgagc	cccctcactc	acttccttcc	ccctgtgcct	ttcctttgag	2160
agtgaagggtg	ggtggagttg	accagagaaa	ggggagagaa	ttcgggaaag	acccaaagtg	2220
tttgaatttc	ttctttgtcc	ttttacctac	agaaatggtc	acatggttct	atttaaatag	2280
cctaataaac	acatctggag	cctgaaaaaa	aaaa			2314

<210> 4007

<211> 2098

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(2099)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(1514)
<223> similar to gi5689535 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4007

```

aatggaggtg ggagttttaa taactattcc tctcccatcc catcgactcc agcaccacgc      60
aggagggacc ctcagttcag tgttcctccc actgccaaaca caccacacgcc cgtttgcaag     120
cggtcctatgc gctggtccaa cctgtttaca tctgagaaag ggagtgaccc agacaaagag     180
aggaaagccc cggagaatca tgctgatacc atcgggagcg gtagagccat ccccatataa     240
cagggcatgc tcttaaagcg aagtgggaaa tggctgaaga catggaaaaa gaaatacgtc     300
accctgtgtt ccaatggcat gctcacctat tattcaagct taggtgatta tatgaagaat     360
attcataaaa aagagattga ccttcagaca tctaccatca aagtcccagg aaagtggcca     420
tccttagcca catcggcctg cacaccatc tccagctcta aaagcaatgg cctatccaag     480
gacatggaca cggggtcggg tgactccata tgcttcagcc ccagtatctc cagcaccacc     540
agccccaaag tcaaccgcgc cccctctcct catgccaaata aaaagaaaca cctaaagaag     600
aaaagcacca acaactttat gatttgtgtc gccactggcc aaacgtggca ctttgaagcc     660
acgacgtatg aggagcggga tgctcgggtc caagccatcc agagccagat cctggccagc     720
ctgcagtcac gcgagagcag taaaagcaag tcccagctga ccagccagag cgaggccatg     780
gccctgcagt cgatccaaaa catgcgtggg aacgcccact gtgtggactg tgagaccag     840
aatcctaagt gggccagttt gaacttgga gtccatcatgt gtattgaatg ctcaggtatc     900
cacgcagtc ttggccccc cctttcccg gtgcgatctc tggagctgga tgactggcca     960
gttgagctca ggaaggttat gtcattctatt gtcaatgacc tagccaacag catctgggaa    1020
gggagcagcc aggggcagac aaaaccctca gaaaagtcca cgagggaaga gaaggaaagg    1080
tggtaccgtt ccaaatatga ggagaagctc tttctggccc cactaccctg cactgagctg    1140
tccttgggcc agcagctgct gcgggccacc gctgatgagg acctgcagac agccatcctg    1200
ctgctggcac atggctcctg tgaggaggtg aacgagacct gtggggaggg agacggctgc    1260
acggcgctcc atctggcctg ccgcaagggg aatgtggtcc tggcgagct cctgatctgg    1320
tacggggtgg acgtcatggc ccgagatgcc cacgggaaca cagcgctgac ctacgcccgg    1380
caggcctcca gccaggagt catcaacgtg cttctgcagt acggctgccc cgacgagtgt    1440
gtatagtatc tgttttattt gactgcagtc tccttgggtg aaaaacaaaa tgggaaaaat    1500
aaggataact cagaatttca aaaggaaatc acaaattcag ctaataatag cattttcagt    1560
acttttcgta aactaagtaa atacacaaaa tgttgatttt tctgaccata agacgtattt    1620
tatgtccttt tgccaagggt gatttgttag tctcaggccc tcctggccac attgcccaag    1680
tcacacaggg ttctgtatta tgtatttaga taaaatgtgt gaaaatatat ttgaaataaa    1740
gttcataaat atgcattgat tttgtacaa aaaaaaaaaa aagggggggc ctttttagag    1800
atcccttggg gggcccaatt tttccggggg ttggcaagtt tttatttttt tctttttggg    1860
gggcgttttt aaaccctctt tgggtttttt gggaaagaac cttttttttt ggggggggac    1920
ttattggccc accctccctc caaattttta ggcttttggg gaaaataaaa atttttaagg    1980
ggtaaagggg gaaaaccacc cccctttccc tggctgttaa aaatgnngnn nnnnnnnnnn    2040
anaaccccc ctctcggggg gggcaatggg gccccccct ctttaaggag atagagct    2098

```

```

<210> 4008
<211> 1956
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1957)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (516)...(741)

<223> similar to gi4589630 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4008

tttcgtgttt	gatgctggga	tcctcttgtg	gggggcgtct	gtcaacgtca	ccatttgga	60
agtgcgcaga	gctcagagca	gcgcttccat	gcttcccttct	gcttgggggc	ccctccagg	120
agcttctttc	ttcttgctat	ctttttcttt	ctgttttctc	tcctcttccc	cgcaccttg	180
gaggcaggag	accacttgg	tgggtgctgg	aagtggaaag	cttgggtggg	gggcaggggc	240
tgggctgggg	aggggtggct	aaccggctgc	tgccacacct	cgtgggggct	gccgcgcagg	300
atgcctctgc	acacgggtcc	tgcagccttg	caagaggtgg	gcaggactgg	aaggagctgt	360
tcccacagga	ggatgatgag	ggcgccccgt	gcccagcaga	ggatgagctg	gccctgcagg	420
acaacgggtt	cctgagcaag	aatgaggtgc	tgccgcagcaa	ggtgtctcgg	ctcacggagc	480
ggctccgcaa	gcgctacccc	accaacaact	tcgggaactg	cacgggtgc	tcggccacct	540
tctcagtgt	gaagaagagg	cggagctgca	gtaattgtgg	aaacagcttc	tgtctctgat	600
gctgtcctt	caaggtgccc	aagtcctcca	tgggggccac	agcccctgaa	gcccagaggg	660
agactgtgtt	tgtgtgtgcc	tcgtgtaacc	agaccttgag	caagtgagaa	gagaggccag	720
gggtccaacca	ggcaccgctc	cttgggacca	gcagtagacc	ccccactctc	cccacccctg	780
gcccactgtg	gtgtgtgtcg	ggcaaagtgt	ggcctgaatg	ctaggtaggc	ttccccttcc	840
ttcctcactc	tctccagctg	gattctggag	ctgttctcca	tccatgagag	tggctggcaa	900
tggctgtct	caatcccttg	agggagaaga	gcccctggag	ggcctggcat	gtttgtcctg	960
ctctgcctgg	gactgagcga	gtggacttag	ggctgggcag	gcagtagcca	ccagagggca	1020
gcagcgaact	aggccaggcc	tgactgggg	ctgaagatca	gggtcagtgt	ggctatgcct	1080
gggaattcca	gacctgaggt	tgggaaaaga	ggtttttctc	ctgcagggtg	ctgggccagg	1140
ccctcagcct	cagagagcct	gcagaagggc	ttgggagtg	cacaccccat	ctctgctgat	1200
tgaatgtccc	tccaggcacc	aggatctcat	catttcccca	tcagaggggt	tggccaggcc	1260
taacaagacc	atgggtgctt	ctagaaacag	ggttgaagtt	cccagattcc	ctgagaggag	1320
aatgtgtata	ggaggggttt	gctgagtcct	tcagcgtaaa	gtggaggaaa	gcttggggaa	1380
gcccacaatag	ctggacagac	ctcagcctcc	cctcgaagac	acctcaattc	acagactctc	1440
agcccacaca	atgccccagt	gtccccagct	ccgctggagc	agctgcagg	cacttggatc	1500
acaacttctg	caccctctgt	ccagagtcta	gggcagtcct	ccactggccc	agcactccag	1560
tttcctttcc	ctgcctcttg	tccaatggag	tgggaggcca	ggtgagtgg	gcagagggtc	1620
tgaagccctt	gacccctggg	ggcctgggta	gtgtaggatc	tcgctgggct	gggtcctgga	1680
ttccagggct	attccctgga	ggacagtctc	agttatggga	taaggccccc	tgggggtctc	1740
catttctttc	caacagtttc	atgttacta	ctggactctt	acgggctcag	tatctctccc	1800
ttagccatga	gctggctcag	ggaatccctt	tcccttccct	ggaagcttgc	ctggctttct	1860
caagtattta	tttaattaat	tgcatggttc	ctggggaana	tgttggcana	agtnatggga	1920
tgangaggaa	atttgggggt	gggggtcttc	taacta			1956

<210> 4009

<211> 1524

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(441)  
 <223> similar to gi2143260 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4009

gaaatggtac	tcttttcac	atggtgatgc	atatcaaaga	tcttgtagt	gattacaaag	60
aatgatggtt	gtagaggaaa	cccttacctt	ggtaggaagc	attactatta	agggactgct	120
ttttttttta	ggttactgaa	aatggagctg	acccaaatcc	atatgtcaaa	acatacctac	180
ttccagataa	ccacaaaaca	tccaaacgta	aaaccaaata	ttcacgaaaa	acgaggaatc	240
cgacattcaa	tgaaatgctt	gtatacagtg	gatatagcaa	agaaacccta	agacagcgag	300
aacttcaact	aagtgtactc	agtgacgaat	ctctgcggga	gaattttttc	ttgggtggag	360
taaccctgcc	tttgaaagat	ttcaacttga	gcaaagagac	ggttaaatgg	tatcagctga	420
ctgcggcaac	atacttgtaa	actagtgaat	gtctgagctt	tggaagcatg	aacagttata	480
aacgtgcatg	catacatgca	cacacacaca	gacacacaca	cacacacttg	ttaattttgt	540
atagtatttt	tatacttgga	cagaacttat	aaagttaaata	atacttgctg	catttcaaca	600
catctgttgg	accaacagtc	acataactaa	cctttttgaa	tttttggaag	ccattgctgt	660
tttaaagtca	ttatgtagaa	tgctacaaac	cctaaactta	atatatacta	attcctgaaa	720
aagactttga	gacagtacta	tgctcagttc	gccacctatt	ttgcattggt	ttctataagg	780
aggcaaagca	tatgtgtttt	cctgttatgc	accttttata	gcctttacca	ctgtgtaatg	840
ttcacaaaaca	ccaaagttaa	ggaaaaatgc	aggatgttac	cgtaaaatcc	agctgctatt	900
catggagctg	aaaaacaaaag	cacaaataat	agatagctaa	gttaagaact	actaagtagt	960
ttatagaagt	agggaaaaac	gtaatactgc	tttttattca	tgtcttttaa	gcctttttca	1020
gaataagtgc	caatcactga	tggtgtaaat	aatgggtgct	taactttata	tgcttccttg	1080
gcacttcgtt	tctgattttt	ttcctgattt	gataaataat	tagtacatag	ttttcactca	1140
cttgacgctt	actaaagaca	agaaattatg	tacatgtact	aatgtttttc	ccacaaaaaa	1200
atcctttact	tctgatgtat	gaattagtta	tctaaatagt	taagcctaata	acctgaataa	1260
gactcaccaa	tgtgattgta	caataaatcc	tatcattcca	ttaaaatcct	acattttattc	1320
ccaggaatgg	taatttcacc	tccctacatc	tatactccac	tccctcagta	aataagtga	1380
aattgttaac	ccatgtgccc	attcctgagt	agggcagact	cttcacaaga	ggcccatgac	1440
aagaattcta	gggtccagat	tgaactttta	tatagacctt	tgtctgtgta	gaccagtttg	1500
tcttgtaaac	tgtcttactt	atgt				1524

<210> 4010  
 <211> 1399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1348)...(584)  
 <223> similar to gi2072425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 4010
acgtggaatt cccacacag actgggtgta gaagtgtagg taaaaagtgg actatggata    60
gcttatgaag gatccaatct cttgggaaga caaatcctac tcaggcctaa tgagatccca    120
aactggacag cattcagcag atggaaaaca attgggtccc tccgtcctat gaagcagcct    180
gcagtgtaca tcagaataaa gaaccgtgcc caggggtgaat atctgacagt cactggaagt    240
ctagcagaca ccagggaac atctgtgtgc atttctccct atagtggaaa gaatactcag    300
atctggtact actgccgagg actctttaa tccaaggcca gtgatacatg tcttgatgtg    360
attggtggcc gggacacacc tggagctaaa gtagctctat ggactgaaca tgggcaattc    420
aggcagaagt ggagactgaa taaaaatgga actatcagct cttatctcag tgatcaactt    480
gtccttgatg ttaaaggagg aaattattgt gacaagactc atgtaattgt aaatcagccc    540
ctggagggag aagaaacaca gaaatgggac attgaaatat tgtgagagaa tcaacatccc    600
tagaaagatc cctagaaaaga gcaaagaagg aaacacatct gtcattgtct tgtggacgtg    660
gaaaggaagc tactgtcctc acactcctgg atcactgagc agaatgaaca ttttctccag    720
cctctgagac tatcgctctt aaccatggaa aagctcaaaa tattcttgcc attactcagt    780
gttcctataa agaaaatatt atgatatctt ggaaagggtt tattcctgat ctccagctgt    840
ggtgagcaag tttcctgaag tgtttatttt ctctcatatc caccaaactg gaatcctggt    900
cctgatggcc cgttattgga cactggtgta ggctattatc ctgtattatt tattaatatc    960
ctacctagat gcttgatgta gtacaaagca taaagaaaca gatttctata ggtcaagtca   1020
tacttttgca aacagatgat gagtaatttt ttagcaacac ctgaaaatat actaaacttt   1080
cctagataaa ctttaagggt tctatactga ggcttttata atgaacgcac ctcgtaagt   1140
atttatactt gtaactaacc ccaggcaggg acctcagctt tgtaggaat aaggcacaag   1200
aagtattttt tgtagctatt gtttcctcag tccttcaaac taaaaaagta caaataaata   1260
acctatggcc aaacttgcac tgttacgtgt taaccaagac atccctttag gtgacaagac   1320
tctataacag tggttacctg tctccatggt gacacttcat cctagattta aggagaggca   1380
tcaatttttt ttttttttg                                     1399

```

```

<210> 4011
<211> 1248
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1205)...(974)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4011
ggtgagtagc tgtgcgaatt cggttctcta ggggaactcct tcttcgcctg ctggccttac    60
ctgggctccc cgcttctctg gaggggaggc ggtgcgggaa ctcccgtagg cgtgagctgg    120
agegcgcgcc cgctgctctc tccaggctcc gcgcgccag ttcgcctccg caaagcccg    180
ccctctcttc cgcaggcacc atgttctga ctgcgtcct ctggcgcggc cgcattcccg    240
gccgtcagtg gatcggaag caccggcggc cgcgggtcgt gtcgttgccg gccaaagcaga    300
acatgatccg ccgcctggag atcgaggcgg agaaccatta ctggctgagc atgccctaca    360
tgaccgggga gcaggagcgc ggccacgccg cgggtgcgcag gagggaggcc ttcgaggcca    420
taaaggcggc cgccacttcc aagttccccc cgcatagatt cattgcggac cagctcgacc    480
atctcaatgt caccaagaaa tggctcctaat cctgagtcgt cacccttgga ttttatggat    540
cacggagctg accatcttta cctggctcct gaactgaaaa actgtagctt gtgtgaaaat    600
gagccttttg accagtcttt attaaaacaa acaaacatga gtagtctgca tatcgaatat    660

```

ctagagctct	aaacccccca	atacttaaaa	ggtctaattg	cctgtcctgt	ggtttcatta	720
gtctgatacg	aagataggga	tttcctcagt	cacagatgat	atdddgaagg	aaagctggca	780
ataaagccac	aatgatttga	ggtctttgct	taagtatgag	atacttgatg	ggggctttat	840
catgcaacat	tagtttgctt	accttaagaa	ttgcccaaaa	atgaaagaaa	atatgagctt	900
ttcagttaaa	catactccta	aaaacatttt	ccgggatttt	actactaaaa	ttggacattt	960
aagcgaagta	aaagaggccg	ggtgcggtgg	ctcacgcctg	taatcccaac	actttaggag	1020
tccaaggcgg	gcggatcact	tgaggtcagg	agttcaagac	cagcttggcc	aagggtgataa	1080
aacccgtctc	tactaataca	aaaaaaatta	gctgggtatg	ttggtgcagg	cttgcaatcc	1140
cagctacttg	ggacgctgag	gtgggaggat	cgctgaacc	tcagaggcag	aggttgcaat	1200
gaagcggagg	ttgcagtgag	ccgagagcat	gccgctgcac	taccagcc		1248

<210> 4012

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(418)

<223> similar to gi2204215 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4012

aaaagattac	ggcctgagga	tagcttcatg	agtgtttatc	caatgcagac	tgaacatcat	60
caaacacctc	ttgattataa	cacgcaggta	acatggatgt	tagctcaaag	acaacaagag	120
gaagcaaggc	aacagcagga	gagagcagca	atgagctatg	ttaaactgcg	aactaatctt	180
cagcatgcca	ttcggcgtgg	cacaagccta	atggaagatg	atgaagagcc	aattgtggaa	240
gatgttatga	tgtcctcaga	agggaggatt	gaggatctta	atgagggaat	ggattttgac	300
accatggata	tagatttgcc	accatcaaag	aacagacgag	agagaacaga	actgaagcct	360
gatttctttg	atccagcttc	aattatggat	gaatcagtag	gtttaattta	aatgtaccct	420
aggattgcaa	aatcagaagt	ataggcagtc	tctcagtttg	aggttgaaga	cctggggcag	480
catactgaga	atagatgaaa	acagctggat	gtgagaaaaa	gaggcaggca	ggcaggattt	540
cagtgggagg	ggaagagagt	gctgcaatag	tgttgacaga	ttagaaaagt	acttttgaat	600
cctggctgac	tgggacttga	atattaagga	atttggaactg	ttcttccagg	tttgactgt	660
tcttcaatgg	gttgccatt	gaaagatttt	aaataaggta	atggcatgat	cagaattgtg	720
tttcagaaag	atttccttga	catttatgga	tgggacagaa	tgaatgaggg	gcgtcatata	780
aaggcatggt	gaaaaataat	gagaacttga	ccaaaggtcg	acgcggccgc	g	831

<210> 4013

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(145)



<223> similar to gil407780 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4013

tccttttgtt	ttcagaagtt	tctttggggg	caactacatt	atattcactg	aggaagagga	60
gcagctaagc	aggaagatga	tgaagtactg	ggccaacttt	gcgagaaatg	ggtgagacag	120
cacacccttg	cctcaacctc	cccgattggg	ggacttgtgc	ccatccagtg	ctctcctagt	180
ctgggggtgac	ctcatgagca	caccgcac	cttcatcaca	tgatggcccc	ttccccagct	240
ccgggaccca	ctcagacagg	gtgggggtgc	gtggggcagt	ggacacgctc	tatctctcca	300
gtctacctgg	aggggtggcg	ccagtgtgt	gccaccgtca	gggcctccct	ctcagagaga	360
gggacacaac	agagctggct	ggcctcccc	aacccccact	ggtgcgtgca	ctaaccagag	420
ggagcttatt	tacttgttct	tggagcgctc	ccactcac			458

<210> 4014

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (478)...(197)

<223> similar to gi487853 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4014

ggaattcgcg	gcaggtggga	cgagccccac	agccccctcc	tcaaaaacga	ccacctccag	60
gactcagtga	tccctggggg	gcaggctctg	ccagccctcg	gccacacgtg	gctccggcac	120
ccatgggtccc	agtgccttgg	atggagacgg	ccagttcttg	cggccagatg	tgggtgctctg	180
gaatccagtc	ccatttccct	cctggccacg	cctgtccagc	ggcctcttca	gccgcattca	240
gcccctactt	acctggggac	cccggtctgg	gcacgagagt	accagggggg	tagggcccaa	300
agggatcagg	ggaagcctct	ggcctggagg	gtatggggca	cgcttcccca	agggcggacc	360
cggcaggagg	aagcccagga	gctgggtcct	gccgcccagg	agctggggcc	tgccaccag	420
gccgggctag	ggacatggca	gggcctgggc	atactgacgc	tggacttgag	cgacctggg	479

<210> 4015

<211> 1029

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1028)...(800)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4015  
catttttctg cctattcact gtttttattt tttagtggga agataagttt ttactctttt 60  
taatcagtag ggtttgatt ttggagatgg ctgtcatatt caggtcagag gcagttgact 120  
tggtgctgat gcttgtttca gcttgtttct ttccattttc ctccagagta aagaaaagat 180  
tgaaaaacta aaactccaag ctgaatcctt ctgccagcgt ttggggaaat accggatgcc 240  
ctttgcctgg gcaccataa gcttatcaag cttcttcaat gtctccaccc ttgagaggga 300  
ggtaactgat gtggactctg tggttgggag aagctcagtg ggtgaacgga ggacattggc 360  
ccaatctaga aggcctttctg aaagagccct ctccctggag gaaaatgggg ttggatccaa 420  
cttcaaaacc tccactctga gcgttagcag ctttttcaag caggaaggag atcgcccttag 480  
cgatgaagac ttattcaagt ttttagctga ctacaaaaga tcatcatcct tacagagacg 540  
agtcaagtca attccaggct tgctaagact ggagatttct acagctccag agatcatcaa 600  
ttgctgtctg actcctgaaa tgctgcccggt gaaacccttt cctgaaaacc ggacacgccc 660  
gcacaaagag attttggaat ttccaacacg agaagtatat gtccctcaca ctgtgtacag 720  
gtaagaaaca caggctcggg ctgggcgtgg tggttacac cataatccca taactttggg 780  
aggccgaggc aggaggattg cttgagctca ggagtttgag accagccttg gcaacatggc 840  
aaaaccgtgt ctctacaaca tatacaaat ttagctgggc atggtggtgc atgcttgtaa 900  
tccagcaac ttggcaggct gaggcaggag aatcgcttga acccaggagg cagaggttgc 960  
agtgaacca gattgcacta ctgcactcca gcctgggaga cagaaccaga ctctgtctca 1020  
aaaaaaaaa 1029

<210> 4016  
<211> 1907  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(1322)  
<223> similar to gi6002189 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4016  
attctgccac acctagcttg ctttcataag cagatctgat tccagatgtg atgccccac 60  
aagccttggt tcatgatgac gatgagatgg aaggcgatgg agtcatagac ccagggatgg 120  
agtacgtccc accccctgct gggtcagtag cttctgggccc agtgggttggg ggcagaaaga 180  
aggtcagagg ccctgaacag ataaagcagg aggtagagag tgaggaggaa aaaccgcaga 240  
ggatggatat tgacagtga gacacagatt caaacacatc tttgcaaaca agggctagag 300  
aaaagaggaa gcctcagctg gagaaggaca caaagccgaa agagcccagg tatactcccg 360  
tgagcatcta cgaggaaaag ctgctgctca agaggctgga agcttgtccc ggtgctgttg 420  
ccatgactcc ggaagctcgg agactgaaac gcaaactgat tgtcagacaa gcgaaaaggg 480  
ataggggatt accacttttt gacttggatc aagttgttaa tgctgctctt ttgttagttg 540  
acgggattta tggagccaaa gaaggaggaa tttccagact tccagctgga caagccacgt 600  
acagaaccac ctgtcaggac ttcagaatcc ttgaccgata ccagacttcc ttgccgtcca 660  
ggaagggatt tcgacaccag accaccaagt ttttgtatcg cttggttagga tcagaagata 720  
tggtgtgga ccagagtatt gtcagccctt atacctctcg gatcttgaaa ccttatatca 780

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ggcgtgatta tgaaacaaag ccacccaaac tgcagctcct gtcacagatt cgttcccacc 840
tgcacaggag cgaccctcac tggacgccgg agcccgcgc acctctcgat tactgttatg 900
tgcggccaaa tcacatccca acgatcaact ccatgtgtca ggagtttttt tggcctggca 960
ttgacctgtc tgagtgtctg cagtaccag acttcagtgt tgttgttctt tataaaaaag 1020
tcatcattgc ctttggcttc atggttcctg atgtgaaata caatgaagct tacatttcat 1080
ttctgttcgt ccacctgaa tggagaagag cagggattgc aactttcatg atctatcatc 1140
tgattcagac ctgcatgggc aaggacgtaa cccttcacgt ctcagcaagc aaccccgcta 1200
tgctactgta ccagaagttt ggattcaaga ctgaagaata tgtattagat ttctatgata 1260
aatattaccc attggagagt acagagtgtg aacacgcatt ctttctgagg ctccggcgct 1320
gatgcgaata cagctcacag agaaacgcat gtgctattgg agaacagggtc tttgtggaga 1380
tctaaaggca gtgattgatt tcacaggagg ctctaattctc tgtgattaca tggtccttca 1440
aactcccaac caaagtgaga aaagcggcat gcagtgaat gagcagtga cagcccttta 1500
gcaaaatcgc cctccagtc ttcctggaga tgccttcagc cagcatccca gactccacag 1560
ttatttatga acgatgtcgt gatttccct ccacctgaca gtttgtaaga gtgaaagagc 1620
atctaacctg atgctcttgg agagagataa cctgtctgtc ataacttaaa ggatgagaaa 1680
atgtggtgta gctattaaag attcatgcag tcccaaaaagg cactgtcctg ggatgatgag 1740
agattataag gtgatttcat aaaaggaatc caacctgtg cccggccatt gatgtgttgt 1800
cattgaatcc aggaggattt ctagggcact gaagttttgt tgtttctttt gctgactttg 1860
gttacagtca gaaaaaataa actagatgtt tgtgtctaaa aaaaaaa 1907

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<210> 4017

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(709)

<223> similar to gil237256 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4017

```

ggaggcagga ggttacagat gttaacaaag tctctgaggt cattcaagga aaagaagaga 60
gtccagcaca attttacaag ggactatgtg aggcctatcg tatgtatact ccctttgatc 120
ccaatagccc tgaaaatcag cgcagtgatta acatggcttt agttagtcaa agcaccaaag 180
atattagaag aaagcttcag aaacaggctg ggtttgtgag tatgaatact tcacagttat 240
taaaaatagc cagtcagatg tttgtgagta gagatgtggc aggccgtaaa gagagccgca 300
aagaaagcaa gtgccaagcc cggcaaaaca cctatctgct agctgcagct attagaggag 360
ttccccgaa ggggccgagg aaggggggac cctgggaaaa aactcagtc tgaccaaccc 420
atgcctgcag cataaccag tgtgcatact gtaaagaaac agcgcatagg aaagacaagt 480
gccctagtt aaaagagaaa caaatggct ctgagccaga ggtttcaggc aaggatgaag 540
gggccttggt taatctagca gaagggttac tggactgagg gggaccgggc tcagggtgcc 600
ccaatgagcc catggtcaag atgacagtca ggagcaagga cattgagttt cctgtcaata 660
cttatcctga acattcagta gtaaccaccc cagtcacccc cttcctacct ccaagaataa 720
a 721

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<210> 4018  
 <211> 1110  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (932)...(176)  
 <223> similar to gi4980521 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4018  
 tttttttttt ttctgtctg taaccatcag atttaatttt aaaattttatt aggcagtagg 60  
 caaacagatg ttggggtaga tgacctaaaa gggttttctt ttggaataat attttttaaa 120  
 aaatcaaata actgttatca ctttaagttg catgagcctg aagctgcacc tggagaggaa 180  
 tttaattttc atgacatgca aaactgatta ggcagtgaac tctttcctcc cgcttcccct 240  
 gaacacattt ataaacttca acgggggtga attccatcta atactttgaa aaccatttct 300  
 catctcacag ttaccctaaa tcatgtgcat gactgcaaga ggaaataaac aagaaatctt 360  
 taagcataga taagccacaa tggatagtta atcttgtaca gacaatccag cattaaggct 420  
 aatttgatct tttaaacatt ttatgggaaa cagctgttga gttttctcta gaaaagccca 480  
 caaggttcca taaccccata ggcatacagc ctgcacaggc agggctccat caggctcctc 540  
 ttgaactggg cactccttca cggaaggcag gaatgcacgt gtcttcaact cctgctgctc 600  
 tgcacgcacg tcacgatatc tggcagaagg tggtttctgt tttccttggg gacattaaac 660  
 accttcacat cctttctgtt tctgatttct tctacaagag ccagtggctt tccttttagga 720  
 actgggattg tgccaaggat tatagtccct ggggtagaca gcgtctgacg aacagcttga 780  
 atgaaaagct gactgaagag ctccatcttc ccaatctcat cgatgacgca cactctttgc 840  
 cctggggccac tgctgcagtc ggcatctctc aagacgggta gtgccaactg ctcaaaagaa 900  
 gtcagggtcga ccacatactg cccaactcgg cattcacgtt ttccagggtg aggctctaac 960  
 ctggggggccc cgtttaggaac acgtgccggg ccatactggt gggcgggggg aggggttgcg 1020  
 gtcaggggag cagtccagggt tggggtcgca attcagggtc ggtccggacc aggggtcgca 1080  
 ctcaggaccc gccaccgcc cacgtgccga 1110

<210> 4019  
 <211> 1657  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1616)...(1258)  
 <223> similar to gi1872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4019  
 gcggaattcc ccctgcctgt cccaaggagc taattctgag cctgctccct ttctaagccc 60  
 agagtccaga atgtactctg cctcagcctc tcacatcctc cacaagcatg gacatctggg 120  
 gcatgagaag gcagttatgt gaggctgtaa gaaaggatgc tgtgtctata aatgaatccc 180

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ggtcctctca cacagcctgc cccccgcct caggaccccc ctgctaacct ccatggcacc 240
tcaaagacag gccctgggca ggggtcctga gctgggtttc aaccctccc cctaccatct 300
gcttggcaag atgatcagaa ctctctgctc tgcggctctg ctcccagtc ctgctggag 360
agtgggtggg gctggggagg agcaggccga ggccagctgg tggcgcccag tacctttgcc 420
actctgactt cagctgctgg atgcgagcct cggactcctg tgtaggaaga agggacaaat 480
acaagaaata ctcatctcag aaattggtgt tccagagtag gatctgctgt ctgttagcgt 540
ctttgcttaa ccacaccct gcccaaggtc tcttgacccc tgcagcaaaa atcaaaactgg 600
cctccttgtc aaagccctca tgagtctcgt ccatgtctga cacactgagg tatctgttca 660
cccacactca gcacatgcac accagcatga caggccgctg tgccctggca caccacaggg 720
agcccctgca cagctctcca actaaggggt cgggggtcaa acagagaagt cagaggaggg 780
cactcccctc cccatgcaac acccaaacag tccctttgga agggccgagg ggtccgaggt 840
gaacatggtg gatgggggtc ggaccagtc acaggccctg agtgccgcaa gcccgctgac 900
ctggggaggcc cggacgatct tcttgaagag gtcttctgag tcttgctgat gctctgctct 960
cagggcagac agttcttctt gtgagacggg agtgagagga caggttggac agagccatgc 1020
ttatagggac cctcatgact aggaagtggc ggaaactggaa ttcaaacaag gtctgtttgc 1080
ttccagagcc ctggctctca gccttctctg aaccacgcaa gactcccgtc tcagctccac 1140
tgcacacctc tgcggtgtca ggtaccatgc tggggctttc tactcgaca gctcactatg 1200
ggggtggggg agacacgatg gcctccatca aagaggagga aactgaggct tagagaaggt 1260
gaggaggcct ggcgtggtgg ctcacgcctg taatcccagg actttgggag gccaaggcag 1320
gcagatcact agaggtcagg agttcgagac cagcctggcc aacttggtaa aaccctgtct 1380
ctactaaaaa tacaaaatta gctggatgtg gtggtgcacg cctgtaatcc agctactcgg 1440
gaggctgagt gaggcaagag aatcgcttga acctgggagg cacaggttgt agtgagtcga 1500
gatcacgcca ctgcactcca ggctgggtga cagagtgaga tattgtctca aaaagaaaaa 1560
aaaaaaggaa aaaaggagaa ggggagtacc tgcaaaaggg caaagctgtc tgatcccaaa 1620
tgacacttgt tctctctgct gctgggcacc ttcacgc 1657

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<210> 4020

<211> 1714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (203)...(273)

<223> similar to gi3115996 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4020

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tttttttttt ttgacaagtt tgcaagtttt attgaattaa tggctggctt tcacagatgt 60
taatcactgg cgggcggttg aataggggga acaggaaaat gctctccaga ggttcccact 120
gaagcccttt catctgcctt gcccacacc accactgaag ccagaggtca tgggagttgg 180
gatctaacta cactctgtga acttaccacc accattcca tcccacagcc catattttat 240
ttgggactag gccactgatg cccgggccct tcctcttcca gtagggtggg aggggtgggag 300
gtggggacac ggaccaaccc tcaaggaaag aaaagagggt aagggtgggg gttttgctga 360
atgtctaaga aatgtcagtg gaacagggtt ggggcacggt ggctcacgcc tgtaatccca 420
gcactttggg aggccaaggc aggtggatca cctgagggtc ggagttcgag accagcctgg 480
ctaacttggt gaaaccccat ctctactaaa aatacaaaaa ttagccaggc gtggtggcag 540
gtacctgtaa tcccagctac ttgggaggct gagacacagt ctcgctctgt ggcccaggct 600
ggatggagtg cagtgggtgca atctcggctc actgcaacct ccgcctcccg ggtttaagca 660
aaattatcct gcctcagcct cctgagtagc tggattacag gcaggcacca ccacgtccgg 720

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ctaatttttg	tatttttagt	agagatgggg	ttttgccatg	ttagccaggc	tggctctgaa	780
ctcctgacct	caggtgatcc	gcctgccttg	gcctcccaaa	gtgctgggat	tacaggcgag	840
agccaccacg	cccagcctct	gcttcgtgag	ttttctttcc	cctgaggcac	cctctgagtt	900
ctccacgtgt	cagacccatg	tccaatgcac	cacgctcctt	ccttcacacc	atgaaagccc	960
cgaagtaaga	ccgggtacca	tcacgcagtc	gaaccaggcg	ttcatccagc	acacggacga	1020
ccacctcctc	cccagcctcc	agggtgacca	caccacccag	gaagctgctg	ttccaccaga	1080
cccgggagct	gctgggtggc	cgtccgcagg	gtgactgctg	gctgaccaac	agctccagct	1140
cctcggggta	gcggggtgtg	cgcttgtaga	ggccgtgggt	gatggtgctg	gccaggccca	1200
gcgggcagcc	cacaccgccc	agctgcacct	tggagtagat	gtagtagtag	ccagcttttg	1260
tgaccacaag	ggcccatcg	tggtagctga	ggccctcag	gaaggccagg	cccagctgag	1320
tctcccataa	cagcggcccc	ccgctgccgg	tcaagctgga	gttggccctt	gtgagatgcg	1380
ctgctgggtt	gacctcgtga	gaccttcgct	cttgatcag	ctgctcccag	gagcctgcag	1440
gtccgtcagg	caggcgggtg	accatctctc	ctagacgcca	gtgcagctgc	aggaggaacc	1500
agccttgag	ggccagccca	gccccatca	gcaacagcaa	gagaccaga	cccacccggg	1560
ccacactgca	cgactgtctc	cgggtggcttc	gtcccagcct	cgtgaatggg	atgtcgggtc	1620
gtccatccac	cacaaacact	gagggccgta	cgacactctc	ctccatgccc	aaggtctctg	1680
gagcagggct	gacacgcctg	ggtccttcaa	cctc			1714

<210> 4021  
 <211> 2053  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (25)...(1055)  
 <223> similar to gi545998 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4021						
tttcgtcgtt	tccggtggcg	gcggaggctg	cactgagcgg	gacctgcgag	cagcgcgggc	60
ggcagcccgg	gggaagcgtc	cgggaccatg	tctggagaac	taccaccaa	cattaacatc	120
aaggaacctc	gatgggatca	aagcactttc	attggacgag	ccaatcattt	cttcactgta	180
actgacccca	ggaacattct	gttaaccaac	gaacaactcg	agagtgcgag	aaaaatagta	240
catgattaca	ggcaagggaat	tgttcctcct	ggtcttacag	aaaatgaatt	gtggagagca	300
aagtacatct	atgattcagc	ttttcatcct	gacactggtg	agaagatgat	tttgatagga	360
agaatgtcag	cccagggttc	catgaacatg	accatcacag	gttgatgat	gacgtttttac	420
aggactacgc	cggctgtgct	gttctggcag	tggattaacc	agtccttcaa	tgccgtcgtc	480
aattacacca	acagaagtgg	agacgcaccc	ctcactgtca	atgagttggg	aacagcttac	540
gtttctgcaa	caactggtgc	cgtagcaaca	gctctaggac	tcaatgcatt	gaccaagcat	600
gtctcaccac	tgataggacg	ttttgttccc	tttgcgtccg	tagctgctgc	taattgcatt	660
aatattccat	taatgaggca	aagggaaactc	aaagttggca	ttcccgtcac	ggatgagaat	720
gggaaccgct	tgggggagtc	ggcgaacgct	gcgaacaag	ccatcacgca	agttgtcgtg	780
tccaggattc	tcattggcagc	ccctggcatg	gccatccctc	cattcattat	gaacactttg	840
gaaaagaaag	cctttttgaa	gaggttccca	tggatgagtg	caccatttca	agttgggtta	900
gttggtctct	gtttggtgtt	tgtacacccc	ctgtgtttgt	ccctgtttcc	tcagaaaagt	960
tccatgtctg	tgacaagctt	ggaggccgag	ttgcaagcta	agatccaaga	gagccatcct	1020
gaattgcgac	gcgtgtactt	caataaggga	ttgtaaagca	gagaggaaac	ctctgcagct	1080
cattctgcca	ctgcaaagct	ggtgtagcca	tgtgtgtgag	aaaaatcctg	ttcaacctgg	1140
gttctcccag	ttacggaaac	cttttaaaga	tccacattag	ccttttagaa	taaagctgct	1200

actttaacag	agcacctggc	gtgggccaag	tgctgatac	tcccttacac	tgaatcatgt	1260
tatgatttat	agaaatacct	ttcctgtagc	ttttatagtc	attgtttttc	aaagacgata	1320
taccagccct	caccaggtt	ttaaaaaaag	cactggtagg	catagaatag	gtgctcagta	1380
tatggtcagt	aaatgttcta	ttgattatca	atcagtgaag	aaagaaatct	gtttaaaata	1440
ctgaattttc	atctcactcc	cattgcaaat	caaggagatc	tcagcagtga	actgggaaaa	1500
tacaaaagct	ctgggctaata	ctataaaaaac	ttaccctgaa	atattaaggg	cagtttgctt	1560
ctagtttggg	gattgcgcta	gcccaatgaa	ggtgatgaag	cttttggatt	tggagggttaa	1620
aagctccttc	acaccccttc	caaaagtcag	tcacagacca	ctgcaacatg	ccttccctgc	1680
tgatcatta	tatacattca	gattgtgagt	ggattgcctt	ggttgacttt	taatttattg	1740
ttttttgttc	ttataaagat	gataatctta	ccttgcagtt	attgacttta	tattcaatta	1800
tttacaatca	ataatgaaat	aactgaaatg	tacaaatgtc	aaattttggg	agtatatattca	1860
ataccaatgc	tgtatgagt	ggctgaatcc	agttcattgt	tttttttttg	gtaagaagt	1920
agactacagt	tccagctacc	tacatgtctt	ttcttgtcat	ccttatagat	ctctttggct	1980
ttcagaaaga	tacagtgaata	atccgtgtat	gaatcagtct	caatgaattt	aaattagata	2040
ttgaaaaaaa	aaa					2053

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<210> 4022
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(163)
<223> similar to gi854637 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4022	
cccagattgc	cctacaagca gagaagatga atcatcacc ggaatgggtc aatgtataaa 60
acaaggtcca	gataactctc acctcacgta actgtggtgg actgatcaaa agagatgtga 120
agctggccac	gtttattgaa aaagcagctt cttctgtgtg atttcttcca aaatacatgt 180
aaaatcttac	acacatctta gctgcaacgt aggctgaagg caatttacgt gaacaaattg 240
agttgttctt	aaggcatcat ctctagaggc agaaaaaaa ataacaattt aagttatgta 300
aatttagttt	gcctttatat actatgtttt gtaaaatcag tgcttatata caaatgatt 360
aaacttgaaa	aaaaaaaaagt gagaccatgc tagtggg 397

```

<210> 4023
<211> 2127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(174)
<223> similar to gi1177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4023
cctgcctcag ccttccaagt aactgggatt acaggcatgt accaccatac cagctgattt 60
ttttgtattt ttagtaaaga cagggtttca ccatgttagc caggctgatac ttgaactcct 120
aaactcaagt gatctactca cctcagcctc ccaaaatgct gggattacag atgtgaggca 180
cctggcctca gatttttgat actcttaaac cttctgatcc ttagtttctc tctccaaaat 240
actctttcta ggtaaaaaaa aaaaaggctc ttatatattg tgctatgtaa atgaaaatgt 300
tttttaggtt ttcttgattt aacaatagag acagggtctc cctgtgttgcc ccaggctggt 360
ctcgaactcc tgggctcaag agatcctcct gtctgggccc tcgcaaagtg ctaagtagga 420
ttacaggcgt tagccaccac acccaggctg taaaaatgta cttattctcc agcctctttt 480
gtataaacca tagtaaggga tgggagtaat gatgttatct gtgaaaatag ccaccattta 540
cccgtaaagc aaaacttggt aaagcctcct gagtctaacc tagattacat caggcccttt 600
ttcacacaca aaaaaatcct ttatgggatt taatggaatc tgttggttcc ccctaagttg 660
aaaaacaact ctaagacact ttaaagtacc ttcttggcct gggttacatg gttcccagcc 720
taggtttcag acttttgctt aaggccagtt ttagaaaccc gtgaattcag aaaagttaat 780
tcagaaattt gataaacaga attgttattt aaaaactaac tggaaagatt gtttaagttct 840
ttctgaatta ttcagaaatt atgcatcatt ttcttcaag aatgacaggg tcagcatgtg 900
gaattccaag atacctcttg acttccctctc aagctccgtg tttggtcagt ggaggcccat 960
ccgagctcag cactgagaag tgttagtttc tttgggaccc atctaccctg accacatcat 1020
gatgttcata tgcagctggt gcaagggtgt cagattgtat aaacataaat gtcacaaaaa 1080
ctttaaaaga agtgcaattc tcaaaagggt aggtggacta aagcattctg taaagcaact 1140
gctaataatg agcttacagt ggatttgaat ttgaaaaata tagtaacaag cctgtcaaat 1200
atctgcaaga actatggaat aaaactactg atgcagtga gacagttgaa aagatcaaac 1260
aaatgccaaag ctatatattt aatgaacaaa ttcaagaaaa aggactacgg aaagttcagg 1320
acatcaaaga agtcaggcaa aactcatctt gaccctgtt gcaggcaaag gaacgcagct 1380
ggaagaaaag atgatataac agttaacagg atgcagacat ggcagagggt tcctaaaaat 1440
ctcattatct ataaccattt ctatatattt atttgaaaat ctcttttggg gacttagaac 1500
ctctaaatta ttgacttatt ttttatataa ggtcactccg atgaaagggtg attacaaaat 1560
catctacatt gctgtctaca aaacagataa tatggatgtt tgatcgcatc tcattgttaa 1620
ctctttactg atatgtttgt aaatacagaa gtgaaatgtg gacataaaat agttacgcta 1680
tttggttaat ggtactagac aacatgtaat taatgacatt caaaaattta tggctagtga 1740
tatatataaa gtaaaatttt ctttgcagta aaatatgccc tttattatag aaggagggat 1800
ataaggaacc aacagtttgt atgaaaatag ctcaaataat atcttttatt ttgattttta 1860
tatttcttat tttggtttat tagtgtctta gaacaaaatg gccttatata atgaagccta 1920
gttatgctgg actgttttga tctcttttaa ttgttctgac agatagttgg ggatgagagc 1980
cgaataagggt ttgcctgaaa taactgacac tatataattt ctgctttggc aaatactaag 2040
ttctaacttg tcattcctgg tagaacaagc tttatttttc gagcctagca atgatctaga 2100
agcagatggt atctcagtg cttttgc 2127

```

<210> 4024

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (52)...(338)

<223> similar to gi204175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters





<220>  
 <221> misc\_feature  
 <222> (630)...(134)  
 <223> similar to gi4240227 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4026  
 tttttttttt ttacaaaatg tgtatatata tagctttgca caaatatattt aaagacaaat 60  
 tcagctagtc taagaacttc atgaaaataa aacaggtgga taaatacttc atgtgcacaa 120  
 tgcactccat cagacgtcgt cggctgggag aggaggtatg ttgataccttg gccttgtgaa 180  
 gaatgctatc ttctccctaa aggtctgcac ttggatgggc tctttgtggc tctgcccacg 240  
 cagctggtag atctccttgg aggccttctt cagcatcttc tcagccgcct gctcatgacg 300  
 gtagtcaagt ttggtctgtc ttgtctgccg ctccggcctcc cgcagcaggc cacggagccg 360  
 ctgctcccga agcaccagg gtgggagggtc agtctggcca cggagctggg cgtcctccaa 420  
 ccgctgccgc agctcacgga gggcgagag ctccctcattc agctgcctct gccgtgttct 480  
 cgacgcctgg agatccagct ccaagtccag ggaggtgcgg gccatgagct cagccaggga 540  
 agacctgcat gactgcaaga gacgccagct gtgagccctc actcaggcct tctagaaggt 600  
 tcttccacaa ttaataggag acaggtcagg cacacgtatt tctctaagca cgccaaggt 660  
 taaaaaacac agatgtgggc aagagaaatg taaatctcta gttcagtatc aaggtagta 720  
 acagcaaatt gtttttcttt aatgatgacc tatgtattgg cagaaatgtg cagcaacaga 780  
 tgctcttata tggggctggc aggatcaaaa atggaacaat ctttatgaag ggccatttga 840  
 g 841

<210> 4027  
 <211> 2109  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2110)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1036)...(685)  
 <223> similar to gi4185944 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4027  
 ctactctgt tggccaggct ggattgcagt ggtgcgatct cggctcactg caacctctga 60  
 ctccggggtt caagcgattc tcctacctca gcctcctgag taactaggac tacaggcgtg 120  
 agccaccaca ccctgctaatt ttttgtactt tttagtagag atgggtgccg agaccagctc 180  
 cgtgtgcgga gaccagctcg gttgtggaga ccctaaccga gcgttgctag aggaattaaa 240  
 gacacacaca cagaaatata aagtgtggag tgggaaatca gggggctgac agccttcaga 300  
 gctgagagcc tcaaacagag ttttaccac atattttattg acagcaagcc agtgataagc 360  
 attgtttcta tagattatag attaactaaa atgggaaaca aagggatggg ccaaaacaaa 420

```

ggatatgggcc ctggctagtt atctgcagca ggagcatgtc ctttaaggcac agattactta 480
tgctatgggtt tgtgggttcag gaaccccttt aagcggtttt ccgccctggg gataggccag 540
gggtgttcctc gctctcattc cggtaaacca cagccttccc ancatgggcg ttatggccac 600
catggaacat gtcacagcgc tgcagaggat tttgtttatg ggccagtttt gggggccagt 660
ttatgtccag atttgggggg cctattcccc agcatatccc ccttcttggt tttgcagggc 720
aataaaaagca aaggcagctt tatcacggtg agctacttct cgcaggagtc aggatctgca 780
tctgcagact acacaaagac aaacaacaca gattaaaagc acaatcatca ttgaaatcac 840
agagcttcca agtgttttca tccattttta tgggttacta gctgctaatt tgtctgcagc 900
tcctttaagg actccagttc ctggcattaa ggtcaggtgt gcctgggatg ctttaaatat 960
ttgttctttt aattttgcca tatccaaaaa caagtttgta gagtgtcctt ctagatgctt 1020
ttttattctt tcccaaattt tgatcttatt aacagacatt aatagtttcc acaaatcctt 1080
atgtttagct tctacagtgg accatatcat ttgaggttga ggtgccacta taccgccagc 1140
ttccagata atgggaactc ttgctgtatt tcttaccatt tctaccatct gactgttttg 1200
ttcagaccag ctgaacatag tgtggctgtg gcacacagac tgacaggtgc aattcaagct 1260
aaacatcccc ttaggggacc aatcaataat gattccatag gaattgttgc acagcacctc 1320
tgctgtttt gcaatgcaat cttcccaaac aaatacattc attatttcta gccaggcca 1380
attctgttta caaatagggt tttgagggca gtataacctc attacaggag cagatttatt 1440
atggtaaata cggagaccag aaagcatgtg taactgtgtc atagagtgat tacatccagg 1500
cattattgcc agccaagatt gataaatacg cccaataagt ataattgtcc tctgtgccag 1560
cccttggtga aggaatactc atggcaatgg tgatcaccac tatcatagct atcattaaat 1620
tactattgt gactggttgt cccactttcc ttaggttttc ttctgccatc tgtgacagct 1680
tcttgatctg tccccaggta ggtggctgcg ttcgatgggt gttgctcgtg acagttgggg 1740
tccccctcag cgtcagtctc aacatggctg caaccagggg atcctcggga tcctccaga 1800
atctattcct cagcatcagg ctcatgataa ggtttcaggt gcctcgatga tatccaaatt 1860
ggcagttgat ttggtccacg gggattgctt aagagtactc aggtgtcctc cagcttagtt 1920
ccacgttctc caaccgtcgc tctggcgacc cttcaacca gggtcgagcc ccatgtatgg 1980
acaccacttg ctgagaccag ctcggttggt gagaccctaa cccagtggca ctggagcaac 2040
tcagcactac ctgcagcggc gcagctcctc gtgccgaatt cgtgcagccg gcgaagncgn 2100
cgagtctcc 2109

```

```

<210> 4028
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (360)...(179)
<223> similar to gi558846 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4028
agtaaacaca attttagtat cttttatttc actaaattgg aatgctgcta ttacaggaca 60
aataaagaca ggtgatgtgg ccacccaaac accaccaaca tagctcttta gttagttata 120
ttgcaagctc taatgtattc cactatatga acacagtcag attctatttc ttcataaaaa 180
agtgttggtg gaagttgtca gatgtattta aatatagaac ccctattcaa tggctaggag 240
atgagagagc agcagagatg gaaaagaaac tttataaaag tattctgaaa atctgcccc 300
tttctccata atgttcatgt ttctcatgct gagagtagct gtgtactttg ggtgttgg 358

```

<210> 4029  
 <211> 1155  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1156)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (90)...(528)  
 <223> similar to gi4972686 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

094937E-012100  
 0045460

<400> 4029

gcggccgcga	agcgtgcgca	ggctccggcc	gctgcgctgc	agatggcgga	aatggatccg	60
gtagccgagt	tccccagcc	tcccgggtgct	gcgcgctggg	ctgaggccct	tctgcgatgt	120
tttacctggc	tgcggctgtg	tcagatttct	atgttcctgt	ctctgaaatg	cctgaacaca	180
agatccagtc	atctgggggc	ccactgcaga	taacaatgaa	gatggtgcc	aaactgcttt	240
ctcctttggt	taaagattgg	gctcccaaag	catttataat	ttcctttaag	ttggagactg	300
accccgccat	tgtaattaat	cgagctcgga	aggctttgga	aatttatcag	catcaagtgg	360
tggtggctaa	tatccttgag	tcacgacagt	cctttgtgtt	tattgtaacc	aaagactcgg	420
aaaccaagtt	attgctatca	gaggaagaaa	tagaaaaagg	cgtagagata	gaagagaaga	480
tagtgataa	tcttcagtct	cgacacacag	cttttatagg	tgacagaaac	tgaagtaaaa	540
agcccttata	ggatcaaaaa	ttgttcaggg	ctcttagaga	tggtgaaaac	tacaaaaaaa	600
accatggctt	tcatatggac	agataaaatg	aaagaaaggg	aaaaggcagt	ggtgtgtagg	660
caaatatggt	ttggcatttg	tcttttaatg	acacctgata	tgatgtcatt	ttgattttga	720
aattgaacac	tagaactgtt	aatcaccttt	aaaaagaaga	gcttattggg	aattatatat	780
tccttaaaat	atacatgggg	gcctgaatgt	cagccatctt	tatactatag	aaaaaggatt	840
atggatgcat	gaatggtcat	gctttggaga	tcaaataattg	gttgaatgcc	tatgtatgtc	900
aggccctgtg	ctgagccatg	aggattaaaa	agatgaataa	acatatcttg	tttaggaaat	960
ggatgtataa	aaaaatcaag	tgcaataaag	tgtgtgtcca	aaagctgaca	caatggaaag	1020
gatgttttgt	tttgtttgaa	atztatcaaa	tatagtagta	ggaaagaagg	atacctccct	1080
gaagatagat	tgtagaatgg	ngagcttttc	actgcattta	ctttttgctt	cttattgtaa	1140
attcacctca	tgttt					1155

<210> 4030  
 <211> 1355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (274)...(558)  
 <223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4030
tttcgtgctt gctgggatca tggcggggaa tcaactgcgag ctccctgccgc tggcccgtgg      60
caggctcggg gcgggggttg ggtggcttct tgtgcctccc ttaaagcgcg gggctcagcg      120
tcctggccca gcgcccagc agcaggcca agtggtccg gctctacagc ggcggcacct      180
acttcctcac cactgggcag acgccgtgt gtcaggaccc gaaatccttc ctgtacctct      240
tgagccaggc cgaccccagc cgggactcgg acaagacgga gttttgttct tgttgcccaa      300
gctggagtac aatggcaca tcttggtcca ccacaacctc tgccacctgg gttcaagcga      360
gtctcctcct tcagtctcct gagtagctgg gattacaggc atgcaccacc acacacagct      420
aagttttata tttttagtag agatgggttc accatgttgg ccaggccagt ctcaaactcc      480
tgacctcgtg atccgcccac cttggcctcc caaagtgtcg ggattacagg tgtgagccac      540
cacaccagc caattagggc tgtcttaca aaaaaaaaaac caccacgaac ctttgcgaga      600
atcgagcgca gcctgtgctg gttgtgtaag ccgtgggaca cacgggaaag ccaggaagaa      660
gaggaagagc acccccacac cccaccgcg tgaagaagag caaccacct ccccgccgt      720
gggaagaaga gcacctcac gccgggccc caggaagaag agcaccacca cgcccgccc      780
gcagcatccc gctggcttcc tggccacctc tcctcaccca tcttagaggc atggccgggc      840
tggggcatct tccctcctt gggcaggatg aaacaggcgc ctatttaatc gacagagacc      900
ccacctactt tgggcctgtg ctgaactacc tgagacacgg caagctggtg attaacaaag      960
acctcgcgga ggaagatgat accacgagtc aacccaaaag ttgctgggga gaagttgctc     1020
tttaatgaat tgcatctcat gaatgtatca ggctgtgacc tttctgcact ctctaagag     1080
ttcatgaatt taggccaatt atggccacaa atgctgctgc tgtcacagag agatgccgga     1140
taaagaacac ccaccaccag tctctgaaca gggaggggag aatcaactct gaatgtgatg     1200
tagtgccag gagagaggac catgttcaac aacgccacac agatgcaaat gacttgtttc     1260
ttcaacaaac tgcaaggga aaaataaaaa tgggggaagc tacagattaa aatacatgtg     1320
tttgatagag agagtattta atggcaaaaa aaaaaa                                1355

```

```

<210> 4031
<211> 792
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (50)...(668)
<223> similar to gi3170548 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4031
cgtggtggaa ttccagagt gcttagctct tgtgcaccgc cctcaccccc tgtactagct      60
gatggatacc aagtccactg accggaagat gacactgctt catttcatcg ccttgacaga     120
gaaggagaaa taccagacc tggctaactt ctggcatgag ctgcactttg ttgagaaggc     180
tgcagcagtg tccctggaga acgtgctgct ggacgtgaag gagctgggccc ggggcatgga     240
gctgattcgg cgtgagtgca gcatccatga caacagcgtc ctccggaact tcctcagtac     300
caatgaaggc aaactagaca agctccagcg ggacgccaag acggctgagg aggcctacaa     360
tgcagttgtg cgctactttg gcgagagtcc caagactaca cctccttctg tattcttccc     420
agtatttgtc cgattcattc gttcttaca ggaagcagaa caagagaatg aagcccgcaa     480

```

```

gaagcaggag gaggtaatgc gggagaagca gctgggctcag gaagccaaga aactggatgc 540
caagacccca tcccagcggg acaagtggca acagcaggag ttaatagcag agttgaggcg 600
gcgccaggcc aaggaacacc ggcctgttga tgatgtcctc gatggtacca tccttcccct 660
cataaacagg ccggtgttcc ttggcctggc gccgcctcaa ctctgctatt aactcctgct 720
gttgccactt gttccgctgg gatggggctct tggcatccag tttcttggct tctgagcca 780
gctgctacga aa 792

```

```

<210> 4032
<211> 830
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (371)...(593)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4032
ttttttcaca aattataata ttttattata gaaaaagggt gcccaaatac aggatttcgt 60
aaacactggg aggtgaacaa gtgcaatttt aaaagtaaat acaaagtaga ggcaaaacct 120
acaagcattt tgccttcaga agaaaatcgt aatgttctcc tgcactagtg atcccaccca 180
gaacacaaat gtggctccat ctcccatgaa agcatcatat ttgctttctg agctcagtat 240
tcccatattca ataattgcaa agtgatggca agaagtggca ctgaatacat tactacaaac 300
ccttgactta aaatattgag acagggtctt gccctgtcat ccaggctgga gtgcagtagc 360
atcatcatgg ctactgcag cctcatcctc ctgggctcaa gcaatcatcc tgtctcagcc 420
tcttgagtgg ctgggaccac aggtatgcac taccatgtcc atgcctggct atttttttaa 480
ttttttacgt tgcccaggcc agtctgaaac tcctgacctc aagtgatcct cccaccttgg 540
cctcccaaag tgctgggatt accggcatga gccactgcac ccaggcaaaa cctttaattt 600
ttttttttct tttttgagat ggagtcttga aaaacaaaaa cgaaaacaca acctgagatg 660
gaccatgtga gcagggtgata ccatacaggga gtgctcagtg tgttctaaaa atcgagtggt 720
ctggcacaca gcaaaagctt cacaaatata caccaaataa ccaaggaaaa taagtaacaa 780
acattatgcc tgcattgctaa ataaattcac agataatctt caaaataacc 830

```

```

<210> 4033
<211> 925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(453)
<223> similar to gil92260 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	4033						
gcggccgcac	gctggagccc	taccogttgg	tgatcgcggg	ggagcacaac	atcccggtggc		60
tgctgagcct	gcccggtctcg	gggcgcctcg	tggagggcga	ggtctacgcg	gtagacgagc		120
ggatgctgcg	ctttctggat	gacttcgaga	gttgcccggc	cctgtaccag	cgcacggtgc		180
tgcggttaca	gctgctggag	gaccgggccc	cgggcgcgagc	aggagccgcc	agcggcccacc		240
gcggtgcagt	gcttcgtgta	cagcagggcc	accttcccgc	cggagtgggc	ccagctcccg		300
caccatgaca	gctacgactc	cgagggggccg	cacgggctgc	gctacaacct	ccggggagaac		360
agataaaggg	gacgggcagg	gtgggcctag	gtttgagagc	cctggggctc	caagatgcgc		420
ccagcccatg	ctgggtgaag	gcggaagccg	aacagggccc	tttccaatga	atctgccgga		480
aaggaaccaa	tctttcagtg	gcagctgatt	ttacaaataa	tgttgagata	cgaatagcaa		540
ggtgcttccc	tcccatcttt	ctacctggtg	agaaaaattt	aggattttta	ctcccctaaa		600
tgacattttg	agaactcgtg	ttatgcctaa	ttcttcttcc	tcctcgtggt	gtttctgctg		660
ttggctctgc	tttgagctca	agataatatt	taggatcagt	gtaaagactt	ggtgttgccg		720
ctagattttta	gcagccctac	tatactgatt	ctggcctgta	acccctgaga	aagccgattt		780
tacacggctg	ggtagaattt	gtagaaaaga	tccacagggc	aagcatgctg	tatatcagag		840
tgcgatatagc	accattcttc	ctaattttca	gatcaagctt	cacagcaaatt	attaaagatt		900
atttaaattt	gaacccacgc	gtccg					925

```
<210> 4034
<211> 403
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (4)...(179)
<223> similar to gi6015487 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	4034						
aatacagtgg	gtggctgtgg	ctgctgcgtt	ggtgggtggct	gtgtttgttg	ctgggggtggc		60
acctgatgtg	gtggctgcag	ctgtgggtggc	tgtggctgct	gcagtggctg	tggctgtgat		120
ggtgggtggtg	gcggcggcgg	tgggtgggtggc	tgcgggtggct	gttgctgctg	caagggatcc		180
aacatgactc	ctgactttct	accattgatg	cttgagctct	cataagacac	cacaccttca		240
ttcagtgagg	aagaaatgct	ttcactctgg	gaattcacag	catcccaatc	tgacgttgta		300
cccgtgtgac	actgtttgtg	agccccaagt	ttcaacgagc	tcttgcaagt	aaacggacat		360
tcgtcacatt	tgtagacagc	tgtctttcca	gataagtgga	tgt			403

```
<210> 4035
<211> 898
<212> DNA
<213> Homo sapiens
```

<220>

<221> misc\_feature  
 <222> (826)...(231)  
 <223> similar to gi825667 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4035  
 tttttttttt ttccagcagg ctaatttgtc tgttttattcc cacaaggtag ccaggggtgg 60  
 gggcgccgag ccaagcccag caggccatgg gaccttcctc cggcggggtg cacgctggat 120  
 tttcggtctt gccccaccag caggtttgca ggcaggccgt catgagtgcc ggtggaaggc 180  
 tccgagggcg tgggcagggg ctccggcggg gccacacact tgtggagcta gaaatagtgg 240  
 ggcaggtcct tctctatcac caggggctcc tccatgggtc cgtagcgctt caccacgcag 300  
 ccgttcttgt cgatgaggaa cttggtgaag ttccacttga tggcatttcc caggatgccc 360  
 ttgcccttgg gttggatctt catccacttc cacagcgggt gggcgtcgtc cccgttcacg 420  
 cagatcttgc tgaacatatc gaatttgacg ttgtagcccg cggcgaactc tttgatctct 480  
 tcgttactcc ctggctcctg cttcccgaaac tggttacacg ggaaggccag gatccgcaaa 540  
 ccacactcag cgtatcgggc gtgcaggctc acgagctgag tgtagtttac ttcggtcttg 600  
 cctcactggg aggccacggt ggtgacgatg cacacgaagc cccggtactt gtccagggtta 660  
 accatgtgcc cgtcgatgtc cttggcgga aactcgtgca tggagcgcgc acagcgccag 720  
 tcgtcccggg acgcgcacat ggtcccggcc aggccaggcg cggccagagc cccacagagc 780  
 agcgccggct tcagtaggcg gcaaaggcgg ccgaggctca tcgcggcggg gctgggagcc 840  
 agcggtctct cccctcgtcc agccgaccaa tggacgcgcg tcggctttcc gcgcctcc 898

<210> 4036  
 <211> 2047  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2048)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(560)  
 <223> similar to gil3009 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4036  
 cccacctcca aatatctcat caacaaccga ctaatcacca cccaacaatg actaatcaaa 60  
 ctaacctcaa aacaaatgat agccatacac aacactaaag gacgaacctg atctcttata 120  
 ctagtatcct taatcatttt tattgccaca actaacctcc tcggactcct gcctcactca 180  
 tttacaccaa ccacccaact atctataaac ctagccatgg ccatcccctt atgagcgggc 240  
 gcagtgatta taggctttcg ctctaagatt aaaaatgcc tagccactt cttaccacaa 300  
 ggcacaccta cacccttat ccccatacta gttattatcg aaaccatcag cctactcatt 360  
 caaccaatag ccctggccgt acgcctaacc gctaacatta ctgcaggcca cctactcatg 420  
 cacctaattg gaagcaccac cctagcaata tcaaccatta accttcctc tacacttatc 480



atcttcacaa	ttctaattct	actgactatc	ctagaaatcg	ctgtcgcctt	aatccaagcc	540
tacgttttca	cacttctagg	atagtcagta	gaattagaat	tgtgaagatg	ataagtgtag	600
aggggaaggtt	aatggttgat	attgctaggg	tggcgcttcc	aattaggtgc	atgagtaggt	660
ggcctgcagt	aatgttagcg	gttaggcgta	cggccagggc	tattggttga	atgagtaggc	720
tgatggtttc	gataataaact	agtatgggga	taaggggtgt	aggtgtgcct	tgttgtaaga	780
agtgggctag	ggcattttta	atcttagagc	gaaagcctat	aatcactgcg	cccgcctcata	840
aggggatggc	catggctagg	tttatagata	gttgggtggt	tgggtgaaat	gagtgaaggca	900
ggagtccgag	gaggttagtt	gtggcaataa	aaatgattaa	ggatactagt	ataagagatc	960
aggttcgtcc	tttagtgttg	tgtatggtta	tcatttgttt	tgaggttagt	ttgattagtc	1020
attgttgggt	ggtgattagt	cggttgttga	tgagatat	ggagggtggg	atcaatagag	1080
ggggaaatag	aatgatctgt	tcgcttcatt	cattgcccc	acaatcctag	gcctacccgc	1140
cgcagtactg	atcattctat	ttccccgtct	attgatccgc	acctccaaat	atctcatcaa	1200
caaccgacta	atcaccaccc	aactatctat	aaacctagcc	atggccatcc	ccttatgagc	1260
gggcgacgtg	attataggct	ttcgctctaa	gattaaaaat	gcccttagcc	catttcttac	1320
cacaaggcac	acctacaccc	cgttatcccc	atactagtta	ttatcgaaac	ccatcacgct	1380
actcattcaa	ccaatagccc	ttggccgtac	gcctaaccgc	taacattact	gcaggccacc	1440
tgtcactgc	acctaattgg	aagcgccacc	cttagcat	tcaaccatta	accttccctc	1500
tacacttatc	atcttcacaa	attctaattc	tactgactat	cctagaaatc	gttgtcgtgc	1560
aggtagaggc	ttactagaag	tgtgaaaacg	taggcttggg	ttaaggcgac	agcgatttct	1620
aggatagtc	gtagaattag	aattgtgaag	atgataagt	tagagggaag	gttaatgggt	1680
gatattgcta	gggtggcggt	tccaattagg	tgcagtgtga	gggtggcctgc	agtaattgtta	1740
gcggttaggc	gtacggccag	ggctattggt	tgaatgagta	ggctgatggt	ttcgataata	1800
actagtatgg	ggataagggg	tgtagggtgtg	ccttgtggta	agaagtgggc	tagggcat	1860
ttaatttttag	agcgaaagcc	tataatcact	gcgcccgtc	ataaggggat	ggccatggct	1920
aggtttatag	atagttgggt	ggttgggtgta	aatgagtgag	gcaggagtcc	gaggaggtta	1980
gttggaattc	caccactctg	caatagggtat	ctcagtggna	tcaaaatntt	ttnttctgct	2040
taaaaaac						2047

<210> 4037

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(1157)

<223> similar to gi3478637 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4037

acgtgcggaa	ccggtccgga	gttcccggcg	ggacccacgc	gtacgctacg	tgcgagcggt	60
tgttcgcgtc	tttaccggcc	aggccaaggt	caaggcctca	gccaggaagc	aggcgctggt	120
gttccagggt	gtgggctgcg	gggccttcca	ccttcagcgt	ctcggcaaag	cgtcaggagt	180
ccccagcggc	cgggccaagt	tctctgcagc	ctgtggtccc	cctgtgaccc	ccgagtgtga	240
acactgtggg	caacgacacc	agcttggtgg	ccccatgtgg	gcagagccca	tccatgacct	300
ggattttgtg	ggccgtgtcc	tggaggctgt	gagcgctaac	cccggccgct	tccacacctc	360
ggagcggatc	cgaggggtcc	tgagcgtcat	cactgaggag	ctcccggacg	tgccctctgta	420
ctacaccctg	gaccagctga	gcagcaccat	ccactgcaac	acaccaagcc	tcctgcagtt	480
gcggtcggcc	ctcctccacg	ctgacttccg	ggtctcactc	tcccacgcct	gtaagaacgc	540
tgtgaagacg	gatgcccctg	cctctgccct	ctgggacatc	atgcgttgct	gggagaagga	600

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atgtccggtg aaacgggagc gactatcaga gactagccca gcgttccgca ttctcagtgt 660
ggagcccagg ctgcaggcca acttcacccat ccgggaagat gccaacccca gctcccgaca 720
gcgaggactc aagcgcttcc aggctaaccg ggaggccaac tgggggtccc ggctcgtgc 780
ccggccaggg tgagtgggtg taagggtggg gtggggctca gccagggaaa gaaggggtaa 840
agggcagatg ggggtcccacc tactcctccc ctgcacagg ggcaaggcgg ccgacgaagc 900
tatggaggag agacgcaggc tgcttcagaa caagcggaag gagccgccgg aagatgtggc 960
ccagcgggct gcccggctca agacatttcc ttgcaagagg tttaaggagg gcacctgtca 1020
acgcggggac cagtgtctgt actccacag ccccccgaca cccagggttt ctgctgatgc 1080
tgcccctgac tgtccagaga cctccaacca gacccccctt ggacctgggg ctgccgctgg 1140
gccaggcata gactgaacca ataaagagat gtcacgtcac cttcaaaaaa aaaa 1194

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<210> 4038
<211> 986
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (978)...(331)
<223> similar to gi818014 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4038
atcatctttt ttgatacttt tttaaaaagc tcaaatgag gaacataaaa tactatcaag 60
taatcaacag aacattcaat gtgtataaag atttttttta aaatacgttt aaaaagagag 120
ccagggaatt caattttacat tttagaccat ttaatggagg tatttggtgc acatgtgggt 180
ttagtghtaac gtaaacacaa catctctccc cagaaacact taacctgagt tggaaatgaa 240
atatgaactg aagagattct taattcacac atacacttct cctcaaaata ttagcaatga 300
ttccaactga ggattctgct tgaagttcag gactcgggtc caggacagga atgaaggaaa 360
actccgtgca gttcgaacgc tctgctgaag tcaaaggact gcacctgcgg gctcttaate 420
agagctagct tcctcaaaac cccgcggaac gaggtctggc tgcgcaggca tttttgcttc 480
acaccagcag gatagccacc aacataaatg ggattgttgg tgtccactga ggtagactgg 540
gtgtgtggac tttcagcgcc aactgcgttc ccgtcaacaa tcagagtgat acggtgtttg 600
cttttggttag cttgaagagt gtgccatttt ccatcacaga gcacagtggc ggttttgggc 660
tcatatgcag ctgttatcct gccagcacca ttgttgacat ggaacaagac cttgccgtcc 720
acaagctcta gtccaatggc atccactttg gcagtgtctga tccccaggag gacgccattc 780
tgcgaggagg ttcgaaactc cagtgtgatg ttcacatctg actggacttt gtagccctct 840
ttgactgtaa cacacaagga ggacccaagt cagggtgagc gctgccaggc ccagggttag 900
catttggcct cctggctagg ggttggggga cctggctcta gctcctcctt tggatccagc 960
tgcaccccca ccagcaggtc actcct 986

```

```

<210> 4039
<211> 1084
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1047)...(476)  
 <223> similar to gi2944066 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4039

tttcgtgcgg	aggagctgct	cttggagggg	aagaaggcgc	tgcaactcgg	tgagtgacct	60
gcgatgtccg	cgaccctcaa	ccttggccca	ggtggatctg	acgctctgtg	gtcagctttc	120
tcctcagtct	cctctcctcc	ggatcccagg	atcctccagt	gccctcagag	tcgctggggg	180
cttctgaaga	gcccttgagc	ctcctcaaaa	ctttcagggc	cctccttaga	gccctcacct	240
gtccctcggg	ctccgcaggc	ccacctggac	ctgcggtttc	ctcccacact	tttccccacc	300
tccccacctt	ttgggtggct	ccctcactgt	cttcccttct	ctctgcagcc	cgcgagccgc	360
gcctgggcct	ggacttagga	tggaaccctt	ccggagaagg	ctgtacgcag	ggcctcaaag	420
acgtcccacc	cgagccgacc	cgagacatcc	tcgctttaa	gagccttccc	cggggcttgg	480
cccttggccc	ctcactcgcc	aaggaaacagc	gcttgggggt	ctggtgtgtc	ggggaccccc	540
tgagcccggg	cctgctgtgg	gggcccgtgg	aagaggagtc	tgctccaag	gagaagggcg	600
agggagtaaa	gccacggcag	gaggagaacc	tgtcattagg	cccatgggga	gacgtgtgtg	660
cctgtgagca	gagttctggc	tggactagct	tgttacaacg	gggcaggctg	gagagtgagg	720
gaaatgtggc	cccagtgcgg	atcagcgaga	ggcttcatct	gcaagtgtac	cagctgggtgc	780
tgccaggctc	tgaactgctg	ctgtggcccc	agcctttctc	tgagggccca	agtctacccc	840
agcctgggct	ggacaaagag	gcagctgtag	cagtggagtc	tgctgtacag	caggaagtgg	900
cctcccctgg	ggaggatgca	gcagaacctt	gcatagatcc	tggttcccag	tcaccctctg	960
gcatccaggc	agagaatatg	gtgagccctg	gacttaagtt	cccaacccaa	gaccgaattt	1020
ccaaggatag	ccagccactt	ggcccattgc	ttcaggatgg	cgacgtggat	gaggaatgcc	1080
cggc						1084

<210> 4040  
 <211> 1893  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (57)...(1158)  
 <223> similar to gi2739107 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4040

cagcagcgcg	caggtcctca	ccatagctct	ggtggccacc	tctgtcccgc	catgctgctc	60
accgacagtg	gccaggcccc	acagcaccaa	gaggcttggg	ccacaaagta	aagggtcgcg	120
gagcctcgcc	ggccgcatg	tggagctgca	gctggttcaa	cggcacaggg	ctggtggagg	180
agctgcctgc	ctgccaggac	ctgcagctgg	ggctgtcact	gttgtcgctg	ctgggcctgg	240
tgggtggcgt	gccagtgggc	ctgtgctaca	acgccctgct	ggtgctggcc	aacctacaca	300
gcaaggccag	catgaccatg	ccggacgtgt	actttgtcaa	catggcagtg	gcaggcctgg	360
tgctcagcgc	cctggccccct	gtgcacctgc	tcggcccccc	gagctcccgg	tgggcgctgt	420
ggagtgtggg	cggcgaagtc	cacgtggcac	tgcatatccc	cttcaatgtg	tcctcactgg	480

tggccatgta	ctccaccgcc	ctgctgagcc	tcgaccacta	catcgagcgt	gcactgccgc	540
ggacctacat	ggccagcgtg	tacaacacgc	ggcacgtgtg	cggcttcgtg	tggggtggcg	600
cgctgctgac	cagcttctcc	tcgctgctct	tctacatctg	cagccatgtg	tccacccgcg	660
cgctagagtg	cgccaagatg	cagaacgcag	aagctgccga	cgccacgctg	gtgttcacgc	720
gctacgtggt	gccagcactg	gccaccctct	acgcgctggg	gctactctcc	cgcgtccgca	780
gggaggacac	gcccctggac	cgggacacgg	gccggctgga	gccctcggca	cacaggctgc	840
tggtgccac	cgtgtgcacg	cagtttgggc	tctggacgcc	acactatctg	atcctgctgg	900
ggcacacggt	catcatctcg	cgagggaagc	ccgtggatgc	acactacctg	gggctactgc	960
actttgtgaa	ggatttctcc	aaactcctgg	ccttctccag	cagctttgtg	acaccacttc	1020
tctaccgcta	catgaaccag	agcttcccca	gcaagctcca	acggctgatg	aaaaagctgc	1080
cctgcgggga	ccggcactgc	tccccggacc	acatgggggt	gcagcagggt	ctggcgtagg	1140
cggccacgcc	ctcctgggga	gacgtgactc	tgggtggacgc	agagcactta	gttacccctgg	1200
acgctcccca	catccttcca	gaaggagacg	agctgctgga	agagaagcag	gaggggtggt	1260
tttcttgaag	tttccttttt	cccacaaatg	ccactcttgg	gccaaaggctg	tgggtccccgt	1320
ggctggcatc	tggcttgagt	ctccccgagg	cctgtgcgtc	tcccaaacac	gcagctcaag	1380
gtccacatcc	gcaaaagcct	cctcgccttc	agcctcctca	gcattcagtt	tgtcaatgaa	1440
gtgatgaaag	cttagagcca	gtatttatac	tttgtgggta	aaatacttga	ttcccccttg	1500
tttgttttac	aaaaacagat	gtttcctaga	aaaatgacaa	atagtaaaat	gaacaaaacc	1560
ctacgaaaga	atggcaacag	ccagggtggc	cgggccctgc	cagtgggcgg	cgtgtgctag	1620
caaggcctgc	cggggtgtgc	gcagtcacca	cagggttctg	agaacatttc	acagaagtgc	1680
ctgagacgcg	gagacatggc	tgggtgttaa	tggagctatt	caatagcagt	gacgcgctct	1740
cctcagccac	caaagtgtcc	tgacaccctc	cccagccccc	acagataaca	tcagctgagg	1800
tttttttcag	tatgaacctg	tcctaaatca	attcctcaaa	gtgtgcacaa	aactaaagaa	1860
tataaataaa	ccaaagaaag	gtgaaaaaaa	aaa			1893

<210> 4041

<211> 1341

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1342)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(413)

<223> similar to gi5262748 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4041

gaagccacca	gtgcctccca	agcccaagct	caagtccccg	ctggggaagg	ggcgggtgac	60
cttcagggac	ccgctgctga	agcagtcctc	ggacagcgag	ctcatggccc	agcagcacca	120
cgccgcctct	gccgggctgg	cctctgccgc	cgggcctgcc	cgccctcgct	acctcttcca	180
gagaagggtcc	aagctatggg	gggaccccg	ggagagccgg	gggctccctg	ggcctgaaga	240
cgacaaacca	actgtgatca	gtgagctcag	ctcccgctg	cagcagctga	acaaggacac	300
gcgttccctg	ggggagggaac	cagttggtgg	cctgggcagc	ctgctggacc	ctgccaagaa	360
gtcgcgccatc	gcagcagctc	ggtgagcagg	gcgggtgcgg	gagggatccg	tgccttgtcc	420
gtggccccgt	ctgtcattcc	tcttgtctgt	tctctggctc	tcctgttcc	ccttgttctg	480

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ttccattcct tctgtggcaa cccccaaccc gcccccgcca tccacctctg aatctggtct 540
tgcttggcct gcccagagaga ggagggttctt ctgggcgtct gacacgtcag gggttgcctgct 600
cactgtgtcc ctggttggtgc cagaagtggg agctgggctc ccctcagaga ctcagggttg 660
gcatgaggcg cctccatggc cctcctggag gctcttggcc ccagggattc ctgtgagttc 720
tctctctccc tcccgcacaca ggctgtcttt accattaagg gttgttttgt gttttacttt 780
ggaggtagcg ctcctcctc ccctcctctc tgtggccatg tggctgcccc gtgtggctga 840
taccctctgc cttacagctg cctcctgcct tgcctcctct ggcggttgg agcacactga 900
ctccttttct tttgggggat ctgccactaa ctccctatct cccatcccag aaacatttgt 960
ctcttggcac caccttagaa tcccttaaac atggattccc gtgtgtcatt tctaaagtgc 1020
agtaagaaga tagatggaag tcacgccatc tccctgcaat ccatctgccc tcttgccctc 1080
tccccaccac ttcccgcgtc gtccctgccc tgcccagaag gatctgagca ggggcctggc 1140
ttgctgctga ggctgtcaca gctgccagag ccctgggctg atcccatagg tctttccttg 1200
aggaccgcga tcccgaaggc ccttccaaag aggagccctt cgggcccgtg ggctgcatgg 1260
atgctggcgg cagagctggg catccccccac ccgcccccnt gtctgccttt ntaaaagctg 1320
ctttgccttc tgtgccccta a 1341

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<210> 4042
<211> 1904
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(1185)
<223> similar to gi5817164 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4042
cccaggcaag gaggtgctgg ggatggggaa tgttcacagg tgaacaacag cagtgggtttt 60
tcaacttctt ttctatcagc agaaactatt tacaaacagg gtttcatatg gacccccaat 120
atagaagtca gataaggac tgaaccaggg actgggggcc caggggcccta gggctcagcc 180
tctcctcag cccacgaagc catgtgactg ctgggctggg gatcgaaggc agagcctggg 240
tctgaagcct agagctggaa gctggctgag aaggctctggg aagcccagct ccctggattc 300
ccctcgcccc ctcatgtctc cgtgcggtgc ggccggggcc agagaagccg gcaggttcgc 360
tgtgttggga acaacgggtga tgaagtgagc gagcaggagt gtgcgtcagg cccccacag 420
ccccccagca gagaggcctg tgacatgggg ccctgtacta ctgcctgggt ccacagcgac 480
tgagctcca agtgctcagc cgagtgtggg acgggaatcc agcggcgctc tgtggtctgc 540
cttgggagtg gggcagccct cgggccaggc cagggggaag caggagcagg aactgggcag 600
agctgtccaa caggaagccg gccccctgac atgcgcgctc gcagcctggg gccctgtgag 660
agaacttggc gctggtacac agggccctgg ggtgagtgc cctccgaatg tggctctggc 720
acacagcgta gagacatcat ctgtgtatcc aaactgggga cggagttaa cgtgacttct 780
ccgagcaact gttctcacct cccagggcc cctgcctgc agcctgtca agggcaggcc 840
tgccaggacc gatggttttc cagccctgg agcccatgtt ctgcgtcctg ccaaggggga 900
acgcagacac gggagggtcca gtgcctgagc accaaccaga ccctcagcac ccgatgccct 960
cctcaactgc ggcctccag gaagcgcccc tgtaacagcc aacctgcag ccagcgccct 1020
gatgatcaat gcaaggacag ctctccacat tgccccctgg tggtagaggc ccggtctctgc 1080
gtctaccct actacacagc cacctgttgc cgctcttgcg cacatgtcct ggagcgggtct 1140
cccaggatc cctcctgaaa ggggtccggg gcaccttcac ggttttctgt gccaccatcg 1200
gtcaccatt gatcgggcca ctctgaacct cctggctctc cagcctgtcc cagtctcagc 1260
agggatgtcc tccagggtgac agagggtggc aagggtgactg acacaaagtg actttcaggg 1320

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ctgtgggtcag gcccatgtgg tgggtgtgatg ggtgtgtgca catatgcctc aggtgtgctt 1380
ttgggactgc atggatatgt gtgtgctcaa acgtgtatca cttttcaaaa agaggttaca 1440
cagactgaga aggacaagac ctgtttcctt gagactttcc taggtggaaa ggaaagcaag 1500
tctgcagttc cttgctaatac tgagctactt agagtgtggt ctccccacca actccagttt 1560
tgtgccctaa gcctcatttc tcatgttcag acctcacatc ttctaagccg ccctgtgtct 1620
ctgaccctt ctcatttgcc tagtatctct gccctgcct ccctaattag ctagggtctg 1680
ggtcagccac tgccaatcct gccttactca ggaaggcagg aggaaagaga ctgcctctcc 1740
agagcaaggc ccagctgggc agaggggtgaa aaagagaaat gtgagcatcc gctccccac 1800
caccgcgcc agcccctagc cccactccct gcctcctgaa atgggttccca cccagaacta 1860
atttattttt tattaaagat ggtcatgaca aatgaaaaaa aaaa 1904

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<210> 4043
<211> 1409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(695)
<223> similar to gi5104893 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4043
tttttaagtt tgttttggaataaacagaaa agatatttat tggccaggaa gttggtgctg 60
ctaagaccga gaaatttataa gaatcggaca gatggacgca gagaaccaga gggcaatgtg 120
ggaccttctc ttgccatggc ctcagggtctt gaggggaaggc tcgggcctag gtttctggac 180
tgcaaagggg acccccaggt gggaggggca ggaagcagcc ggagttagcc cttcgccct 240
gagtgcctgg ctgcacctc tcgagctgtg ccctgggcat cactgagcag aggggtgctg 300
cagcttcagg aggcagaaac gagaggggtg ggagatccac aggaccaaag ggtgcagtga 360
tgggctgggt ggcgggcca gggaaatggg gtggggatgg gctgggtaag acctggccct 420
cccctgctgc cctgaagacc accccagtct acctcggtgc tggccaggaa acctttcggc 480
tacctctccc accatcccag actgtgggca gggggatggg gagggagtgg gcctggatct 540
gggacctccc tccagaattt cctccagatg ggggcagtgc ccagggagg gttatttgtc 600
ttccctgcca tggagtggga atccccagcc gagggcctag gccctcagc agggaaggga 660
tccccgggga ggcaggtccc aggagcagac cctgccccca gccccacag acacacccca 720
atctgaaagc catgcgtgtc ggtgtatata ggaaccatgt acagagccca gagaagcccc 780
ctacatcccc ccgggaaaaa aaagaaaact agacagaaac tcatctatat attctgtatc 840
tgaggttccg ttttgaatat taactgtgtt atttttatac actttttaag ccttaactcg 900
ccattgattt accagtttaa cgtttcctgg ggtttctttg cccatggggt tctctgcccc 960
caccgccggc cctttgtttg acttgcgtcg tctgatactc agtattgtag ctttttgtcc 1020
gcatgttact cctgttaaat acgctgttat acatactgtt aacaccctt tgctttttct 1080
atgggacctc caggccacca tatttagaac tagttacctt attaaaaaag aaaaaaacgt 1140
ctgttggtt ctcagtctgc atcttgagg cagggagggt agggcagggt cccctcagac 1200
acttcaggaa ggtagtttgc attctattta aaaaaggagg tggggagcaa atgaaaatca 1260
aatgtggggg gaaaacacta aagggggcaa gaaacaaagg aattacaaac cctctgctct 1320
ttgtatttct ctgttgtgaa gaataaactg tacctgcacc cggaaaaaaa aaaaaaagg 1380
ggggccgttt tagaggacct aagcttacg 1409

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<210> 4044  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (790)...(646)  
 <223> similar to gi4558700 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4044  
 cagatgggag gatgcctggc tgtgcccag gcgagtgggc attggccatc aggacaggag 60  
 agaggtggtg tccagtggag acatccacgt agccctgcag gccctcagcc cccaggacca 120  
 cctcagtttg ggcattgccc ctccccctccc actgggggtgc gagtgaccag gagtgaccca 180  
 gctggggaca ggcgggaggc aggacagctc tggagggggc ccaaggctcc cgccccccat 240  
 gggggcccag cagcgactcc atcccccgag tcctcccgga caccocggca cctggggaga 300  
 ggcggaggaa ggcaggaacc ccagctgctc ccagggtggc agccgtgggc ggaggctctg 360  
 ctgcaggatc cgggaggccc agagaaggca cctgcatttc acgctgagcg catctgagga 420  
 tgcgatcagg aagcagcccc ggcactctct ctttatggat gcccaacttc agtttaaccg 480  
 tggcatcccg ggggcaaggc cgccctccaa gctgtgcttc actaattccc tcagggtttg 540  
 gaactatttg cccagttccc acgatgggccc tttaaagctct cgtccttcct aacctaaaggc 600  
 aacttcaacc atctgataaa tctaataata agttacaatc gaggccgggc acagtgggtct 660  
 gtaatccag caccgtggga ggctgagggtg gaaggattgc ttgagcctgg gaggtggagg 720  
 ctgcagtgag ccagacagct gccactccac tccggcctgg gcaagacagc aagaccctgt 780  
 ttaaaaaaaaa aa 792

<210> 4045  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (7)...(583)  
 <223> similar to gi3929312 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4045  
 catgcgtccg attcagcacc acaggattag aaccatgatt tacaggagca agatggcgag 60  
 cctgttcccc catccaatgt agaagctata gctgaacatg cggttttgtc agaagaagag 120  
 aatgaggaat ttgaggctta ttccccagct gcagccccta catctgagcg ctctctctca 180  
 ccatccacaa ctgagaagac ttcagagAAC cagtctccac tgttttcaac agttacacca 240  
 gaatacatgg tcctatcagg agacgaggcc tcagaaagtg ggtgttacac accagactcc 300  
 acatctgctt ctgaatatcc agttccatca ctggcaacaa aagagtcact gaagaaaca 360

attgaccgta	agtccccgtt	aatattgaaa	ggtgtttctg	agtacatgat	tccatcagaa	420
gagaaggaag	acactggatc	gtttactcca	gctgtggccc	ctgcttctga	gccctctctc	480
tcacatcca	caaccgaaaa	gacttctgaa	tgccagtcac	cactgccttc	tactgccaca	540
tcagaacacg	tgggtcccatc	agaaggagag	gacctaggaa	gtgaacgttt	cacaccggat	600
tcaaagttga	tctccaaata	tgcagcccca	ctcaatgcaa	cacaggaatc	tcaaaagaaa	660
ataatcaatg	aggcatccca	attcaaacca	aaaggatatt	ctgagcacac	agttctgtca	720
gtagacggca	aggaggtcat	tggaccatct	tccccagatt	tggttgttgc	atctgaacac	780
tct						783

<210> 4046  
 <211> 1032  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (918)...(501)  
 <223> similar to gi3877422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4046						
tggttcttcc	tttattctta	gttcttagct	gtgatggatc	cttgcaatga	aagaattaag	60
aagggcgggg	gcggtgggtg	acgcctgtaa	ttccagcact	gtggaaggtc	gacgtgggac	120
gattgcttaa	gcccagggct	caaggccagc	ctgggtaaca	tgaacaattc	ttaacgtcca	180
aagataacgt	ctttccttaa	cgtcgaaaga	tgccttggtg	tgatattaca	gcagtcattc	240
ctgctcacta	cgggcaggca	gacagtgcag	aaaagggtgaa	gcacaaaaac	taaaaaggaa	300
aatctctcct	tgaaccactg	cgaacagatc	cgagtgtctg	ggtactgctg	ccagctgggt	360
ggtggagtgc	tggttgaaca	gtgtcccgcc	agggtccgaag	tggggacacg	tctgttggtg	420
gtgtccaccc	aactcagcca	ctgcaggacc	atcttgcgac	tctttgatga	cctggccatg	480
tttgtctaca	ctaagcaata	tggcctgggg	gcacaggagg	aggacgcctt	tgtccgctgt	540
gtctccgtcc	tagggaacct	ggctgaccag	ctctactacc	cctgtgagca	cgtggcctgg	600
gcggctgatg	cccgggtcct	ccacgtggac	tcttctcggt	ggtggacgct	gagtacaacc	660
ctgtggggccc	tctctctgct	cctggggggt	gccagggtccc	tgtggatgct	gctgaaactg	720
agacagaggc	tgcggagccc	cacggcgccc	ttcaccagcc	cgctgccccg	gggcaagcgg	780
agggccatgg	aggcgcagat	gcagtgcggag	gcgctgtcac	ttctcagcaa	cctggccgac	840
ctggccaacg	ccgtgcactg	gctgccccgg	ggcgtgctgt	gggcccggccg	cttcccgcgg	900
tggctagtgg	gcctcatggg	caccacctcc	tgcctgccag	ctggcgtctt	gtatccaaat	960
caagatgagg	aagagggggc	ctgtcgtgcc	ttgagaaagc	tggaacggga	atcaattaaa	1020
cattgtggtg	ct					1032

<210> 4047  
 <211> 2843  
 <212> DNA  
 <213> Homo sapiens

<220>

094687225.012100



<221> misc\_feature  
 <222> (19)...(1740)  
 <223> similar to gi4884194 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4047

gtaagtgcgg	tggaattcgt	gctccatggg	aaagatttcc	aagtagattg	caaagcttcc	60
ggctccccag	tgccttagat	atcttggagt	ttgcttgatg	gaaccatgat	caacaatgca	120
atgcaagccg	atgacagtgg	ccacaggact	aggagatata	cccttttcaa	caatggaact	180
ttatacttca	acaaagttgg	ggtagcggag	gaaggagatt	atacttgcta	tgcccagaac	240
accctagggg	aagatgaaat	gaagggtccac	ttaacagtta	taacagctgc	tccccggata	300
aggcagagta	acaaaaccaa	caagagaatc	aaagctggag	acacagctgt	ccttgactgt	360
gaggtcactg	gggatcccaa	acaaaaaata	ttttggttgc	tgctttccaa	tgacatgatt	420
tcctttctcca	ttgataggta	cacatttcat	gccaatgggt	ctttgaccat	caacaaagtg	480
aaactgctcg	attctggaga	gtacgtatgt	gtagcccgaa	atcccagtg	ggatgacacc	540
aaaatgtaca	aactggatgt	ggtctctaaa	cctccattaa	tcaatggtct	gtatacaaat	600
agaactgtta	ttaaagccac	agctgtgaga	cattccaaaa	aacactttga	ctgcagagct	660
gaagggacac	catctcctga	agtcattgtg	atcatgccag	acaatatatt	cctcacagcc	720
ccatactatg	gaagcagaat	cacagtccat	aaaaatggaa	ccttggaat	taggaatgtg	780
aggctttcag	attcagccga	ctttatctgt	gtggcccgaa	atgaaggtg	agagagcgtg	840
ttggtagtac	agttagaagt	actggaaatg	ctgagaagac	cgacatttag	aatccattt	900
aatgaaaaaa	tagttgcca	gctgggaaa	tccacagcat	tgaattgctc	tggtgatggt	960
aaccaccac	ctgaaataat	ctggatttta	ccaaatggca	cacgattttc	caatggacca	1020
caaagttatc	agtatctgat	agcaagcaat	ggttctttta	tcatattcta	aacaactcgg	1080
gaggatgcag	gaaaatatcg	ctgtgcagct	aggaataaag	ttggctatat	tgagaaatta	1140
gtcatattag	aaattggcca	gaagccagtt	attcttacct	atgcaccagg	gacagtaaaa	1200
ggcatcagtg	gagaatctct	atcactgcatt	tgtgtgtctg	atggaatccc	taagccaaat	1260
atcaaagtga	ctatgccaa	tggttatgta	gtagacaggc	ctcaaattaa	tgggaaatac	1320
atattgcatg	acaatggcac	cttagtcatt	aaagaagcaa	cagcttatga	cagaggaaac	1380
tatatctgta	aggctcaaaa	tagtggttgt	catacactga	ttactgttcc	agtaatgatt	1440
gtagcctacc	ctccccgaat	tacaaatcgt	ccaccagga	gtattgtcac	caggacaggg	1500
gcagcctttc	agctccactg	tgtggccttg	ggagttccca	agccagaaat	cacgtgggag	1560
atgcctgacc	actcccttct	ctcaacggca	agtaaagaga	ggacacatgg	aagtgagcag	1620
cttcacttac	aaggtaccct	agtcattcag	aatccccaaa	cctccgattc	tgggatatac	1680
aaatgcacag	caaagaaccc	acttggtagt	gattatgcag	caacgtatat	tcaagtaatc	1740
tgacatgaaa	taataaagtc	aacaacatct	gggcagaatt	tatttttttg	aagaagttaa	1800
atcaaaggca	gccataggca	tgtaaatgaa	tttgaataca	tttacagtat	taaatttaca	1860
atgaacatgc	aaaataaaa	gacttgtaaa	taaatgcatt	atgaactgat	gatactgatt	1920
tatttaaatg	atctcaaaac	aaacttttaa	cttaaggcac	ttttattttg	ccaacaaata	1980
acaataaaca	aacattgaaa	cggttcacta	taaaataaca	aatggctaata	gtacctgaat	2040
ttttcagtaa	aaaaatgaac	ttctaatacc	agttgcccta	gtgtccacct	cctatccaat	2100
gttaccaagc	atggcactcc	agaaccagag	accaatggaa	aatattaaat	ctggcaatct	2160
ttatgatgta	aattttaccat	cctgatgtat	aaatatattg	tggtttataa	atttttttgc	2220
taaaacctac	agaaaataag	cactgaactg	tcttatgatt	caccatttgt	tcacactgaa	2280
aattttcatt	gatgggggaat	acaaaaatgt	tttaataact	gcatttaaaa	ataaatgcag	2340
gctcactttt	ccacatgtaa	aaagcaatgt	aatacctgca	catcataaaa	tgtgaaaagg	2400
gggttatttt	tgtccaaata	caccatttaa	aaaggtttta	aaaatacaat	gaaacttctt	2460
tataacttta	aaatctagct	caggcaccct	tggtttggag	ctgtttataa	ggaaattttt	2520
ctgagcagga	atcgttgctc	tataagcatt	tcatttcatt	aattctttat	gggatgggaa	2580
aatgcttggg	agggcttagg	tctattatat	ataatgaagt	ttcactgtat	ttaaaatctg	2640
atcaatccta	cacaaaatgt	gtttttgtaa	ttcactgaat	ttatattaca	tgcttaattc	2700
aacctgaatt	aattttggga	atattaaatg	attgatctta	tctaaatcta	ggggtggggg	2760
tttccagtgt	aattttctcca	gcattctatt	aaacattcac	ctagtactta	cttacttaag	2820
aattatagga	gctttataaa	tgg				2843

<210> 4048  
 <211> 1420  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1421)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1420)...(1024)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4048

tgctcgtggaa	ttcgggattt	gatttaggct	tagctctacc	atagaccaag	gttttaactt	60
gaaccttact	gggtgctagc	ttccccatat	atttaattct	gtgatctcta	gagatccttt	120
aagttctaaa	ctagactttt	ctaagtagaa	gcttaaactt	aaaattcaat	aacattcaaa	180
aaagatattg	aggtatactt	taattttcaa	aaatatgatt	gtaatgttta	ttggaatgct	240
cagaggatat	tttgtaaaaa	gcaaagatat	aaaaaaaaca	aaggaataac	tggattaagc	300
atcaagccta	attgggagct	gctgggtaag	gaggccatga	gagattgctc	tggagtagct	360
ttgtctttca	ggagaaggaa	gttatagaac	aatgattaat	tcttgaaatt	gatagaaaaa	420
tatatttaaa	tatgttttaa	aatgtgagta	gaattctcat	aatgctgggt	tggatatata	480
ttgatacatt	caattaaaaa	aactgggtact	acctcctaaa	attgaaccta	tgcatacttc	540
caaaggacag	agcagttttg	ctctcagata	tatcgccaca	gaaatgcata	cacttggtgtg	600
ctggcagata	agcacaagac	ttttcatagc	atccctattc	ataattgccc	aaaactggaa	660
acagcccacg	tatccatcag	cagtaaaatg	gatgaataaa	ttgagttatg	tttgctgtat	720
tgcagtgggt	tactgtgcaa	ctaagaataa	gtagtgtgtg	gcaataacat	ggatagatct	780
accaaata	aagaagccag	acacaaaata	atatatacac	tatgatgata	gcagttacat	840
tttataaaat	acacatgcaa	aaacaggcaa	aactaattta	tgggtgttaga	gtatgagata	900
gtaggtactt	ctgggaagaa	aaaaaggagt	tgggagaata	tataaaaata	tgactaggta	960
aggccaggca	cgggtggtca	cacctgtaat	accagcactt	tggggaagctg	agatgggtgg	1020
atcacctgag	gtcaggagtt	cgagactagc	ctgcccaca	tggtgaaacc	ccatgtctgc	1080
taaaaataca	aaaattagct	gggtgtagtg	gcacatgcct	gtaatccag	ctatttggga	1140
gggtgaggca	ggagaatcgc	ttgaacgcgg	gaggcagaag	ttgcagtgag	ccgagattgc	1200
accattgcac	tccagcctgg	gcaacaagag	caaaactctg	tctcanaana	nanaaanaaa	1260
aaaaaaaaan	aaaagggggc	ccccttttaa	aaaaaaaaaca	ttttaccccc	ccgcgcgggc	1320
gagatttttt	ttttttttgg	ggccccaata	aataattttc	gggggggctg	tttaaaaaag	1380
gggggggggg	aaaaacccgg	tggcaaccga	taattttgtt			1420

<210> 4049  
 <211> 669  
 <212> DNA



```

gtgtgtccct gtacgtgaac ccgagtgtgc ccacgtacac gtacccaact gtcctcatgt      840
acacgtaccc gagtgtgctc acgtatacgt acccgagtgt gctcacgtac acgtacccga      900
gtgtgccccat gttcatgtat ccgtgtgtgt acgtacccga gtgtgtgtat gtgcctgtgt      960
gtacgtactt gagtttgtgc ccatgtacgt gtacccgagt gtgtgtacgt gcctgagtgt     1020
gtgtacgtgc ccaagcacag gcacattgtc cagatccaca taacactcct tctttgcagt     1080
tgcttcctcc acacacagag tgtcccccac ctctccaggg tacacactgc agtgtgggtg     1140
aacatcaaaa gccgtgcagt gagagaagcc aatcacagca ggtccgtgcc gcctgacagt     1200
gttcacatgg aagttcggaa aagacggctc tgtagagaca gacagatttg tggtttccca     1260
aggttggggg tgacggttag gagtccaggat ttcttttttg ggggatgata atgttctgta     1320
atggatcgcg gtgacagg                                     1338

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```

<210> 4051
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(528)
<223> similar to gi407082 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4051
gagcactctg aaggccacag ggtgtccaac agatgaagac agaggaggga ctggcaggcc      60
ccaggcttcc ctctgaacac atcccaaacc tccccactac tctgcagtca gcacccaaag     120
ccccagtcac cgccatctct caccagaca gcagcaacag cgtccagggg acccctccct     180
caccctaacc ccccatccta aatcacagtc caggcttcac gtagcagcca cagggggcct     240
ttaaaaacag agtcagagca catctctcac ctgatgagac cccgcatcag cttcccattg     300
ctcttgagct gaagtcgaag ccaactcatca cagccgagtg cctgggtggc ccccgccagc     360
cgccctcatc caccctgcac agcctcttgc tgtctccctg acagcagtc cctccctgtc     420
ctaggggggtc ttacagccag caacttcttt ccacccagag actcttgac tgcttccctc     480
cgctcggaag tctcttcccc agccctgcac atagccgcca ccttctcggt cctcactcag     540
ggctcaattc agatgtctct gcctcaggga gcctcctctg accattccca gtaggaccct     600
cctcatccct tggtccagc tgcttgcca gccctggcaa ctcttcgggc tcaaacgggt     660
ggcactgctt tacaatgcac tcaccatgct taaccctaag aaaggcccg      709

```

```

<210> 4052
<211> 1864
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(506)
<223> similar to gi4220590 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4052
cccacgcgtc cggaggagca gcaggagggg ggctttgcgt ccccccacgtt tgtcaaggtc      60
tagtggaagc ggaagccggc aggaggtggc ccgagcaggg ccgggtcccc gcgccggaca      120
tccaagaaaa ccaaggtgga gccctacagt ctcacggggc agcagagcag cctcatcaga      180
gaggacaaga gcaacgcca gctgtggaat gaggtcctgg cgtcaactcaa ggaccgggccg      240
gcgagcggca gcccgttcca gttgttcctg agtaaagtgg aggagacgtt ccagtgtatc      300
tgctgtcagg agctggtggt ccggcccatc acgaccgtgt gccagcacia cgtgtgcaag      360
gactgcctgg acagatcctt tcgggcacag gtgttcagct gccctgcctg ccgctacgac      420
ctggggccgca gctatgccat gcaggtgaac cagcctctgc agaccgtcct caaccagctc      480
ttccccggct acggcaatgg ccggtgatct ccaagcactt ctcgacaggc gttttgctga      540
aaacgtgtcg gagggtcgt tcatcggcac tgattttgtt cttagtgggc ttaacttaaa      600
caggtagtgt ttctccgtt ccctaaaaag gtttgtcttc cttttttttt tttttttatt      660
tttcaaatct atacattttc aggaatttat gtattctggc taaaagttgg acttctcagt      720
attgtgttta gttctttgaa aacataaaaag cctgcaattt ctcgacaaaa caacacaaga      780
ttttttaaag atggaatcag aaactacgtg gtgtggaggc tgttgatgtt tctggtgtca      840
agttctcaga agttgctgcc accaactctt taagaaggcg acaggatcag tccttctctc      900
gggttctggc ccccaaggtc agagcaagca tcttctctgac agcattttgt catctaaagt      960
ccagtgcacat ggttccccgt ggtggcccg gtgcagcccg ggcattggcg ggctcagctg     1020
tctgttgaag ttgttgcaag gaaaagagga aacatctcgg gcctagtcca aacctttgcc     1080
tcaaagccat cccccaccag actgcttagc gtctgagatc cgcgtgaaaa gtcctctgcc     1140
cacgagagca gggagttggg gccacgcaga aatggcctca aggggactct gctccacgtg     1200
gggccaggcg tgtgactgac gctgtccgac gaaggcggcc acggacggac gccagcacac     1260
gaagtcacgt gcaagtgcct ttgattcgtt ccttctttct aaagacgaca gtctttgttg     1320
ttagcactga attattgaaa atgtcaacca gattctagaa actgcggtca tccagttctt     1380
cctgacaccg gatgggtgct tgggaaccgt ttgagcctta tagatcattt acattcaatt     1440
tttttaactc agcaagtga aacttacaag agggtttttt tttatttttt ttttctctta     1500
atgaacacat tttctaaatg aatttttttt tgtaggtagt gtatatgtac caagaaagat     1560
ataacgttag ggtttggttg tttttgtttt tggatttttt ttcttttgaa agggtttggt     1620
taatttttct aattttacca aagtttgtag cctataacctc aataaaacag ggatatttta     1680
aatcacatac ctgcagacaa actggagcaa tgttattttt aaagggtttt tttcacctcc     1740
ttattcttag attattaatg tattaggtag gaatgagaca attttgtgta ggcttttttt     1800
aaagtccagt actttgtcca gatttttagat tctcagaata aatgtttttc ccagatagaa     1860
aaaa
1864

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```

<210> 4053
<211> 1837
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1840)...(1578)
<223> similar to gill177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4053

aatactttctc	tttttttaat	ttataggaga	tatagaaaaa	aaatatcatt	tgggtgtgag	60
tccacttttgc	gatcgtcaca	ctgaatctat	tgccaacatc	cagattggta	actatacata	120
tttagatata	gctgggttaga	aaaatgccac	tgtttttatc	aagaagggaa	atatatttga	180
aatataaaaat	attaaaaatta	tgctcatttc	tattttttaa	aataatttaa	gaaattttac	240
ccttgttttc	ccttgttatg	gctcttctaa	ttctcattta	atttttaggat	gtaaaaagta	300
tattttttgca	gaacaggcag	cagcaataac	ttgtttctgt	tcttatgtaa	ataagaatcc	360
attatttcgct	catgtggaag	cttcttttgc	atcatttggg	actgccattt	aaaaaaggat	420
aggtaaacaa	agaaatgaca	aaaataaaaat	aaataaaaata	aaaatggata	ggtggtgacc	480
cactgagcct	gatcataata	cgaagaccag	cttctgccac	tgccctttcca	gactcttacc	540
actgcctggt	gattaaatct	aactcttcaa	catcctagac	aggcccttat	aatcttgctt	600
caaatgctgt	gcagccatct	tgccctcaact	tccctctcat	ttgcctacag	catctcggga	660
cgcttctgtg	tttcccaaagt	atacgctgtt	ctttcgtctt	ttgtgcctcg	ccagtgtctt	720
ccatgtgcct	cgtagagtta	tttttcttga	agaggcagct	caaatgtcac	cttctccaga	780
agctgctctc	cacttgcttt	aggcagagtc	agtcactttt	cttctagatt	ccaaagtgcc	840
tgatccactt	ggttggtgat	tcctggagcc	tagcaccaca	ccagaagcac	gaggcccttg	900
agaactgtgt	tgagtgaact	aataactgta	ttatagaaaag	cataatgaaa	atgtcctgtg	960
actgaagtat	gtgtagcttg	ttgcaggagt	tcacaggaaa	gttgactagg	attgagtgtg	1020
ttgggctttg	ggtataaagg	agggggattc	tacgggggca	gtagctcaac	aagggaataga	1080
gggaggagtg	taatttttgt	agctggtgtt	gaatagggcc	tttgagaatc	agactgaaca	1140
cagtgaataa	tgtgcccaaa	gttcagaaaag	atgaagtttc	cagaaactaa	gaaggtagca	1200
caatatgtgg	catcactactc	agaaagggaag	accatgccat	ggggccagaa	attcagaaac	1260
gtaattctta	cattgtgatt	gcaatggata	ctcatggaag	aaagtgggta	gtggccgatt	1320
tgacttcaga	gtgacaggta	gagaagggaa	gagcgtgtag	aactgtggcc	agactttagg	1380
agtgtgaggg	atgctgaatc	tcccagagag	ctcacactgg	ccaggaatgc	tgagagtagc	1440
agatgctttt	cttttgggag	gatagtaaaa	caatttagaa	ccagatatgc	tttgtcttga	1500
ttctcaagta	gaataatctt	caaatgcaaa	agaatacatt	agaaatggac	aaaagtggcc	1560
aggagcggtg	gctcactactt	gtaacccagc	actttgggaa	gccgaggcgg	gctgatcgct	1620
tgaggtcagg	agttcgagac	cagcctggcc	aaaatagtta	aactcacgtt	tctactaaaa	1680
atacaaaaat	tagctgggtg	tgatggccac	ttgggagggt	gagataggag	aatcgcttga	1740
acctgggagg	cagaggttgc	agtgaagcaa	tatcgtgcca	ctgcattcca	gcctgggtga	1800
cagaatgaaa	ctccatcact	ccatctcaaa	aaaaaaa			1837

<210> 4054

<211> 608

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(258)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4054

cccacgcgta	cgccacgcg	ttcgctcggc	tcactgcagc	ctccacctcc	tgggttcaag	60
caattctcct	gcctcagcct	tccgactagc	taggattaca	ggcgctgcc	actacgcca	120
gcaaattttt	tgtattttta	gtacagacgg	ggtttcgcca	tggtgaccag	gctggtctca	180
aactcctgac	ctcatgattt	gcctgccttg	gtctcccaaa	gtgctgggat	tacaggcgtg	240
agccaccacg	cccggccata	atctgttcaa	gtttcttagt	tgtagttgcc	tccatttctt	300
tataaaatga	agccattcaa	catttttaagt	ataaggttta	atgcaatgag	atagggcaag	360

```

ttcttaggtt aaaagttaat gttcaaatat aacatctatt ttttctttcc tgcagcaaac 420
caagaggaag ctagatgatg ccagcaaacg tttggagttt ctgtatgata aacttaggga 480
acagacagta agttttggag gaaaaggatt tatgataatc atttattcct agttgctagt 540
aaaacagttg tcttatcagc actcccattht agtatgcatg ggggcaaaat tgtcatgaca 600
ttagaggg 608

```

```

<210> 4055
<211> 858
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(842)
<223> similar to gi3878402 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4055
tgggtaagaa ggcctggctg ttgatgggca atgctattcc tgaggggtcca actgcctatg 60
tgctaacttg ggagcaaggt cgttatttaa tatggaatcc ctgcagtgga catttttatg 120
gacaatttga tacattctgt cccttgaaaa atgtgggctg tttaataggt cctgacaata 180
tttggtttaa tattcaacga tatgaatctc cactaaggat aaattttgat gtcaccaggc 240
ccaagctatg gaaatctttc ttttcaagaa gccttccata tccctggcctt tccagtgttc 300
agcctgaaga gctaattttac cagcgctcag acaaagcagc tgcagctgag ctacaagaca 360
ggattgaaaa aataactaaaa gaaaaaatca tggactggag gccacgccat ctgactcggt 420
ggaataggta ttgtacctct actctgcgtc acttcttgcc tctgttagaa aaaagtccaa 480
gggagaagat gtagaagatg accacagagc agaactgcta aaacagctgg gagactacag 540
ggttctcttg atttctctt cacatgcctt attctgaagt gaagccttta attgacgctg 600
tgtatagtac tggagtacat aatattgatg ttctaatgt tgaatttgct ttagctgtat 660
acatacacc ataccccaaa aatgttttgt ctgtttggat ctatgttgcc tctcttatac 720
gcaacaggta atttttttca ctgtactttc tctatcatgt aaaaactaca cttaggatat 780
gagaaaattt taaattatat gcatcacatc agaagaacat attattggca aataataaaa 840
ttatcaactg ttttcaaa 858

```

```

<210> 4056
<211> 3680
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1029)...(1247)
<223> similar to gi4959382 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 4056
attgacctgc tgcggcagta gaacgagctg aagtcacccc acagccctat ttcctttcttt 60
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cacacaccag caaaggcagg ctatgctata gtacaagcca ctagcctgcc tctcagaacc 180
tctcatttcc tttccatcgt ggaaatctat cctcaaggaa ataatttctc agtggtccat 240
ctgctgttct actattcctc agggattatt caggccccct cccttcctta cacatcaagc 300
tcgaggattt gccccacccc aggactggca aattagcttt attcaacatg tcccaagtca 360
ggaaactaaa atacctctta gtctaggtag gtactttcac tggataggta gaggcctttc 420
ctgcagggtc tgagaaggcc accgcagtca tttcttccat tctgtcagac ataattcctc 480
agtttagcct tcccacctca atacagtctg ataacagggtg agcctttatt agtcaaataca 540
gccaaagcag ttttcaggct cttagtattc tgtgaaacct ttatatccct taaggctctc 600
catcttcaag aaaagtagaa tggactaaag gtcttttaaa aatacacctc accaagtcca 660
gccaccaact taaaaaggac tggacaatac ttttaccact ttcccttctc agaattcagg 720
cctgtcctcg gaatgctaca ggttacagcc catttaagct cctgtataga tgctcctttt 780
tattaggccc cagtctcatt ccagacacca gaccaactta gactgtgccc caaaaaactt 840
gtcatcccta ctatcttctg tctagtcata ctctatttca ccattctcaa ctactcatac 900
atgccctgct cttgtttaca ctgccggttt aactgtttc tccaagccat cacagctgat 960
atctcctggt gctatcccca aactgccact cttaactctt gaagtaaata aataatcttt 1020
cctggcagga ctatggtgaa tctccttaag cactctctaa tcagacatcc tgagtcgtcc 1080
caattcttag accttttata cctgtttttc tcttctgtt attccattta gtttttcaat 1140
tcatacaaaa ccgtatccag gccatcacca atcattctat atgacaaatg tttcttctaa 1200
caaccccaca atatcacccc ttaccacaag acctcccttc agcttaatat ctcccgtctc 1260
aggttcccac gccgccccta atcccgttg aagcagccct gagaaacatc gcccaattctc 1320
tctccatacc accccccaaa aatttcaccg ccccaacact tcaacactat tttgttttat 1380
ttttcttatt aatattaagg aaggcaggaa tgtcaggcct ctgagcccaa agccaagcca 1440
tcggcattcc ctgtgacttg cacgtatacg tccaggatgg gcctgaagta actgaagaat 1500
cacaaaagaa gtgaatatgc cctgccccac cttaaagaag tgtaaattggc cggtccttgc 1560
cttaactgat gacattcccc cacaaaagaa gtgaaaattg ccggtccttg ccttaagtga 1620
tgacattacc ttgtgaaagt ccttttctcg gctcatcctg gctcaaaaag ctcccctact 1680
gagcacctta tgacccccac tctgccccac tgagcacctt gtgaccccca ctectaccg 1740
ccagagaaca aacacccttt tgactgtaat tttcctttac ctacccaaat cctataaaat 1800
ggccccaccc ctatctccct tcgtgactc tcttttcgga ctacagccgc ctgcacccag 1860
gtgaaataaa cagccatgtt gctcacacaa agcctgtttg gtggtctctt cacacggacg 1920
cgcatgaaat ttggtgccgt gactcggatc gggggacctc ccttgggaga tcaatcccct 1980
gtcctcctgc tctttgctcc gtgagaaaga tccacctacg acctcaggtc ctcagaccaa 2040
ccagcccaag aaacatctca ccaattttaa atcagcggcc aggcgttcct ccagaacctc 2100
ctcccacagg aacttgctac acatgccgga aatctggcca ctgggccaag gaacgcccgc 2160
agcccgggat tcctcctaag ccgcgtccca tctgtgtggg accccactga aaatcgact 2220
gttcaactca cctggcagcc actcccagag ctctggaac tctggcccaa ggctctctga 2280
ctgactcctt cccagatctt ctcggttag cggtgaaga ctacactgc ctgattgcct 2340
cggaagcccc ctagaccatc acgcacgccg agcttcgggt aactctcaca atggaaggca 2400
ggaatgtcag gcctctgagc ccaagccaag ccacgcacat tctgtgact tgacgtata 2460
caccagatg gcctgaagta actgaagaat cacaaaagtg aaaaggccct gccccgatt 2520
aactgatgac attccaccat tgtgatttgt tctgcccc ccttaactga gtgattaacc 2580
ctgtgaattt ccttctcctg gctcagaagc tccccacct taactgagtg attaaccttg 2640
cgaatttcct tctcctggct cagaagctcc cccactgagc acctgtgac cccgcccct 2700
gccaccaga gagcaacccc ctttgactac gcccatgaaa tttggtgcag tgactgggat 2760
cgggggacct cccttgggag atcaatcccc tgtcctcctg ctctttgctc cgtgaaaaag 2820
atctacctac gacctcaggt cctcagaccc accagcccaa ggaacatctc accaatttta 2880
aatcagaagg caggaatgtc aggcctctgt gcccaagcca agccatcgca tcccctgtga 2940
cttgcacgta tacgcccaga tggcctgaag taactgaaga atcagaaaag aagtgaatat 3000
gccctgccct gccttaactg aatgacattc caccacaaa gaagtgaata tgggcccggc 3060
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aaaacaccgc cactgagcac cttgcgaccc ccactcctgc ccgccagaga acaactcccc 3180
ctttaactgt aattttcctt tacctaccga aatcctataa aacggcccca cccctatctc 3240

```



cctttgctga	ctctcttttc	ggactcagcc	cgctgcacc	caggtgatta	aaagctttat	3300
tgctcacaca	aagcctgttt	ggtggtctct	tcacacggac	gcgcatgaaa	tttgggtgccg	3360
tcactcggat	cgggggacct	cccttgggaa	atcaatcccc	gtcctcctgt	tctttgctcc	3420
atgagaaaaga	tccacctacg	acctcagggtc	ctcagacaga	ccagcccaag	aaacatctca	3480
ccaatttcaa	atccggtgca	gctaccagggt	gaactgccag	gacttcaaag	cccacaacca	3540
aaagccagaa	aacactacca	agtacaagcc	ccggacactg	gacccagagc	acaccctggg	3600
catctgctct	gagatcctct	ccctggacag	agacagctgc	tccttcagaa	acagaggaga	3660
ccctgaacac	aggcaggcct					3680

<210> 4057  
 <211> 1968  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1971)...(1677)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4057	
ccttgcttgc	aggaagccat gcagttagtt tctgcagtta gtcgtgtgag gctaggtggt 60
tgggcaggcc	tcgggctgta ggtgttgggt gggaaaaaga cccaagggcc tgaaagggag 120
ggaaagggga	gggtagcggg agggtagcag gtgagttcct agggctggaa ggtttaacag 180
cagcctgggtg	cagtgcctctg tcatcaagac aaacccacgg tcctcctggg tgcctaccaa 240
gcttggtttg	tacaaaagca aggtgggagt ctatttttgt acatgagata catcacactt 300
acctgtgggc	cagtattgtg aagtgagtct gagttgttta cactgatgcc ttccctgccc 360
accacaaatt	gtgtacatag tcttcagatg ataccacccc tttccccagc tcccaaccaa 420
gagctgggtc	taggcctgtg ttatatgtca tatttagcgt ttttatatat gacctttgat 480
ttctgttggt	tgtatttttag cacagtgtat gcaccttcat ttaaatacat ctgtgtgcat 540
acagatacgc	atatatgtgt gtgcgtatgc atatatctct catctgtagt ttccaagagt 600
tcagctgaag	cagatggagt cctgcagccc aggagacacc ctgcatccct gctaatagtg 660
tttgccacaa	gtattagtga gtcttcctta ttaatatatt catttcagaa gactgaagca 720
aagctgatag	tgtttgctgt ttctttggca gctaagttag ggtcttggga tgacttgctg 780
tgttcctcaa	gctgcacttt ggggccatct ctgcagtatt agcccccttt ttgcttggtg 840
gtactctgtc	tgtgcctgtg tgtgtgtgtg atagtcactc ttgcatggct tccatgtctg 900
gtttgtggca	tttggggata aggtgctgaa gccagagcat ttgcagtttg tttgaggcct 960
cgttgccaat	gatagatcac tcctgttgac ctggtatgtc tgcttgcttg ctgcttttcc 1020
ttgctttctc	ttggaagagg aaaggactct ggtcaggccc aggctgagtg agatgagctg 1080
cagctggctc	atggccttct tagagcagag agaggagtat gtcattttac taagttccta 1140
aacaaacatt	tatgcaggca acactccttg cagatccaga aactgaggca caatagggtt 1200
atgacttgct	caagaatatg tagctgctag ggggtaaatc aaggcatcac aatttctggt 1260
cagcgggcag	gaataggctg tgaattgcta gcactttttt tttttaagca attacttttt 1320
gacttgttcc	tctgaaaggg caagaggcgt acacctttcc caaatgtaaa ctaaaatctg 1380
caggatgcca	cccactgtat agttctgctt tcccagagag gaagaacttt tagaaaccaa 1440
atgatcttaa	ttgttattgc ccaccctgg cttttccggg tagaaaattc acagtaggaa 1500
tgattgttaa	gagagagtgc ttggaaccat ggggttaacag gaaaggctac ctaacttcac 1560
atatctgcaa	ccagagcagc caccaagcat tacttagcag caggaaaatg attgtatttg 1620
agttcctgtg	tgtccaaaac tgaggcacca tgttctttga aaacatgcca cctcaaggct 1680
gggcgcgggtg	gctcacacct gtaatccag cactttggga ggccgaggcg ggcggatcac 1740

cggaggtcgg	gagtttgaga	ccagcctgac	caacatggag	aaaccccatc	tctactaaaa	1800
atacaaaatt	agccgggCGT	ggtggcatgc	gcctataatc	tcagctactt	gggaggctga	1860
ggcaggagaa	ttgcttgaac	ccaggaggcg	gaggttgcgg	tgagttgaga	tcgtgccatt	1920
gcactccggc	ctgggcaaca	acagcaaaac	tccgtctcaa	aaaaaaaa		1968

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<210> 4058
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(125)
<223> similar to gi339675 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4058						
attatgagat	ggttccctc	atcagccaag	cctgcgttct	tctcctggct	catttaaaac	60
gctatgcgga	atctggggac	gcatttgaca	tccagaggta	aggctgctgc	attacagatg	120
agaaatcgag	tttttgaatc	actgcttctt	gtaactgtcc	ataattgctg	acaattacct	180
tgggactagc	aaactgtgga	aacgctagaa	gctcataaaa	gcatggatgg	actgattaat	240
aaaaagaaaa	gaaacccact	taacatggga	aagagatgtg	agcagagcca	gggtacgtgc	300
gtcctgtcga	acctgtggat	ggatccaccc	tctgacctcc	acagaccag	gaatgggcag	360
gacaggcctg	cgcctaagga	cagggatggg	gggaaagttc	aagccttttc	actttaagaa	420
aaattgtggg	g					431

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<210> 4059
<211> 1050
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (943)...(652)
<223> similar to gi4914584 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4059						
cttccttctt	tccatccttc	cttcctttct	ttctttcttt	ctgtttcgtc	cttttgagac	60
agagtttcac	tcttgtttcc	acggctagag	tgcaatggcg	cggctcttggc	tcaccgcacc	120
atccggcacc	cgggggCGAA	agagcatcac	gagacaagac	ccgcacagag	gggaagacag	180
ggaggcacc	ccacgcctgg	cttggctgat	gtttgtgttt	ttagtaggca	cgccgtgtct	240
ctccatgttg	ctcaggctgg	tctccaactc	ccgacctcct	gtgatgcgcc	cacctcggcc	300

tctcgaagtg	ctgggatgac	gggcgtgagc	caccgtgccc	ggcctgttga	ctcatttcgc	360
ttttttat	ctttcgtttc	cacgcgttta	cttatatgta	ttaatgtaaa	cgttttctgta	420
cgcttatatg	caaacaacga	caacgtgtat	ctctgcattg	aatactcttg	cgtaggtgta	480
atacgtatcg	gttgatgga	aatagacttc	tgtatgatag	atgtaggtgt	ctgtgttata	540
caaataaata	cacatcgctc	tataaagaag	ggatcgtcga	taaagacgtt	tattttacgt	600
atgaaaagcg	tcgtatttat	gtgtgtaaat	gaacgagcgt	acgtagttat	ctctgttttc	660
tttcttcctc	tccttcgtgt	ttttcttcct	tcctttcttc	ctttctctcc	ttcttttaggt	720
ttttcttcct	ctcttccttt	ccttctttct	ctctttctgt	ccttttttcc	ttcgtgcttt	780
atcttctctt	cgttccctgt	gtttccttct	ttttcttttc	ctctctgttt	ctttttccct	840
tccttccttc	gtttctttcc	tcattctttc	tctctttttc	gtgtttcttt	ccttcccgtc	900
tgtcttttaa	aaaatggagt	gtttcagaag	tttactttgt	gtatctacgt	tttctaaatt	960
gtctctcttt	tctccattgt	cttcctccct	ccctccctcc	ctcactctcc	tgctcccgt	1020
cgacccgga	attccggcca	gtagcctatc				1050

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<210> 4060
<211> 1286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (175)...(723)
<223> similar to gi4583449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4060		
tttcgtgagc	tttgtgagag aaacaaggct ggcttcaagt gatctgcaac cagagtaatt 60	
gggatttgac	aaggactgtg aaaggctgac tctccctgtt ctctttcatg ctggcaccgg 120	
gcagagtgtg	ggaactactg cctcaatacg atcatagaag ccattgagat cccgcagttt 180	
atcggccgca	gttacctgac gtatgacaac ccagatatct tgaagagggt gtcaggatca 240	
agatcaaattg	tgttcatgag gtttaaaaca actgccaaagg atggcctttt gctgtggagg 300	
ggagacagcc	ccatgagacc caacagcgac ttcatttcct tgggccttcg ggatggagcc 360	
ctcgtgttca	gctataacct gggcagtggt gtggcatcca tcatggtgaa tggctccttc 420	
aacgatggtc	ggtggcaccg agttaaggcc gttagggtatg gccagtcagg aaagataacc 480	
gtggatgact	atggagccag aacaggcaaa tccccaggca tgatgcggca gcttaacatc 540	
aatggagctc	tgtatgtggg tggaatgaag gaaattgtct tgcacactaa caggcaatat 600	
atgagagggc	tcgtgggctg tatctctcac ttcaccctgt ccaccgatta ccacatttcc 660	
ctcgtggaag	atgccgtgga tgggaaaaac atcaacactt gtggagccaa gtaacaccag 720	
ctggccttgt	ccaagggaca gaggccttcta ttctgagaat cccaggggcc ctgagaccct 780	
gcctgatgct	atatgcagag gccaggggac cagggtgtgtt tcctctcacc aagaagaaag 840	
tacacactga	tgagaaactg agaaccaaga caggcatccc tgggtggcct ttctgtctga 900	
cactccacga	gctgaccagc cagaattctc tgtgtaggaa gcacgggact ttgtccattg 960	
aatatgtagc	ggctgccaga gatcacacat caatgcaaatt tccagagcct gtctgctata 1020	
gctcagtgtg	tgtgttgtga ttcatagtac attaaaaaga gagagagaga gaaagaatcc 1080	
cacagggcac	tattaaaata cttctctcct tccctgactc atgacactct tcctgacagc 1140	
agaatgactg	tgtgaccttg aacttcacat ttccacatt ggcccttggg ttgttcggat 1200	
taacccttcc	cactcctcac tggctggttc actgtgttct gactagtcca taaaaataaa 1260	
gatggaagga	gatcaaacac agaaaa	1286

<210> 4061  
 <211> 2112  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(1432)  
 <223> similar to gi3413884 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4061

tttcgtggag	agggcgaaag	gatggcgctg	tgacagccgg	gccggagccc	tcgcgtcccc	60
accccgcgcc	ctggccgctg	ggcccgcgca	gatggagtcc	acagcctacc	ctctcaatth	120
gagcctgaaa	gaagaggaag	aggaagaaga	gattcagagc	cgggaactag	aggacggccc	180
ggcagacatg	cagaaagtac	gaatctgctc	tgagggcgga	tggaaaatga	agaatctgac	240
gtaaaacctc	cagactggcc	aaacccaatg	aatgctacct	cccagtctcc	tcagcctcag	300
cactttgaca	gctttggcct	ccgtctgcct	cgggatataca	cagagctgcc	cgagtggagt	360
gaggggtacc	cctttctacat	ggccatgggc	ttcccagggt	atgacctctc	ggctgatgac	420
atagctggga	agtttcagtt	cagccggggc	atgcgccgca	cttacgacgc	agggttcaag	480
ctgatggtag	tggaatatgc	tgagagtacc	aacaactgcc	aggctgccaa	gcagtttgga	540
gtattggaaa	aaaacgttcg	agactggcgc	aaagtgaagc	cacagcttca	aaacgccccac	600
gccatgcggc	gggcattccg	aggccccaag	aatgggaggt	ttgctctggt	ggaccagcgt	660
gtggccgaat	atgtcagata	catgcaggcc	aaaggggacc	ccatcacccg	ggaggcgatg	720
cagctgaaaag	ctctcgaaat	cgcccaggaa	atgaacattc	cagagaaaagg	gttcaaggca	780
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cccgtgcccc	agcacctgcc	ggaagacctg	actgagaaac	tcgtcactta	ccagcgagct	900
gtcctggctc	tgcgcagggc	gcatgactat	gaggtagctc	agatggggaa	tgcatatgag	960
acgcccatth	gttttagaggt	gccatcacgg	gtaactgttg	ataaccaggg	cgaaaagcct	1020
gtcttggtca	agacaccagg	cagggaaaaa	ctgaaaatca	cagcactgct	tgggtgtctt	1080
gctgatggga	ggaagttacc	accgtacatc	atthtgaggg	gaacatatat	ccccccgggg	1140
aagtttccca	gtgggatgga	aattcgctgc	caccgggatg	ggtggatgac	tgaagacttg	1200
atgcaggact	ggttggaagt	ggtgtggaga	cggaggacag	gagcagtgcc	caagcagcga	1260
gggatgctga	tcttgaatgg	cttccggggc	catgccacag	attccgtgaa	gaactccatg	1320
gaaagcatga	acactgacat	ggtgatcatc	ccaggggggc	tgacctcaca	gcttcagggt	1380
ctggatgtcg	tgggtctaaa	gccactgaat	gacagtgtgc	gggcccagta	ctccaactgg	1440
cttctggctg	ggaacctggc	gctgagccca	accgggaatg	ctaagaagcc	acccttgggc	1500
ctctttctgg	agtgggtcat	ggtcgcgtgg	aatagcatct	caagttagtc	catcgtccaa	1560
gggttcaaga	agtgccatat	ctccagcaac	ttggaggagg	aagacgatgt	cctgtgggaa	1620
atcgagagtg	agttgccagg	aggaggagaa	ccaccaaagg	attgtgacac	cgaaagcatg	1680
gctgagagca	actgaaggga	aagggaaagc	aaatggaact	ctgatttaaa	cagctgggga	1740
tgaaattcct	caagatgatt	attcctgaaa	gtgtggatgc	gctggatgcy	cagggaaacat	1800
caggaaaagg	ccacggggct	ctgaacagcc	ccggtccaga	cagcagcctg	tacatccatc	1860
ccaggacaca	gcccagcccc	tccccacacc	atacaaggta	tcagaaaagt	ctaggaccta	1920
tcatttcatc	agagacatga	tcagaaaaga	aactgcttct	gccccatttc	ttgttttgga	1980
gattactcca	tctgtccatc	aaaagaaacc	tgtaaatatg	aaagaacaaa	ggttatttct	2040
tggagaaaaa	aaaatttatt	caacaccaac	aagggacatg	tattgcggcc	ggtctggagg	2100
atccacacga	tc					2112

<210> 4062  
 <211> 2006  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2007)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3)...(752)  
 <223> similar to gi3879218 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4062

tgataattga	aaaactggca	gaagggcttg	acattcaact	caaatctcca	gtgcagtgtg	60
ttgattatnc	tggagatgaa	gtgcagggtta	ccactacaga	tggcacaggg	tattctgcac	120
aaaagggtatt	agtcactgta	ccactggctt	tactacagaa	agggtgccatt	cagtttaatc	180
caccgttgctc	agagaagaag	atgaaggcta	tcaacagctt	aggcgcaggc	atcattgaaa	240
agattgcctt	gcaatttccg	tatagatttt	gggacagtaa	agtacaaggg	gctgactttt	300
ttggtcacgt	tcctcccagt	gccagcaagc	gagggctttt	tgccgtgttc	tatgacatgg	360
atccccagaa	gaagcacagc	gtgctgatgt	ctgtgattgc	cggggagggt	gtcgcacccg	420
tgaggaccct	ggacgacaaa	caggtgctgc	agcagtgcac	ggccacgctc	cgggggctgt	480
tcaaggagca	ggagggtcca	gatcccacaa	agtattttgt	cactcgggtg	agcacagacc	540
catggatcca	gatggcatat	agttttgtga	agacagggtg	aagtggggag	gcctacgata	600
tcattgctga	agacattcaa	ggaaccgtct	ttttcgctgg	tgaggcaaca	aacaggcatt	660
tcccacaaac	tgttacaggg	gcatatttga	gtggcgcttc	agaagcaagc	aagattgcag	720
cattttaaga	attcgggtga	cccagctttc	ttctgtaccc	cagatgggga	aatttgaatc	780
acatgttaaa	cctcagtttt	ataagagggg	gaaaaaaccc	tctctacata	gtaaaactga	840
aatgtttcta	aggcgatatg	ataatgcaaa	cctattttcat	cactctaaaa	gcactgacct	900
caaaaaacct	tataagcact	tagatttaaa	tgcattttcc	ataggttcaa	ctactgctga	960
aagtctggat	ttcagaataa	agcagaatgt	aagtttcagt	tgaggccatg	gatttgattg	1020
ttccatggct	ggaagttccc	tttagatttc	acattttata	tggctgatca	attttcatac	1080
attgagaaac	caagtcaatc	aagcaggaat	catttataaa	ccagataaag	ccatgttttt	1140
cttctgtgac	aatttatcag	tatctttacc	aatgagcctt	aatttttata	taggtccaat	1200
attgagcttt	tacttaaaat	ttagatagaa	cttttttttt	ggatacagca	caaactccag	1260
tttgacagta	aaatgaagct	ttctaggtat	tttgtattgt	acatattttc	tcctactggg	1320
tgttcaaaaag	aaatttaaat	tcaagtacct	tttgtgataa	aatgttttag	aatttgtgca	1380
cccattggca	aaacaggaaa	gtttccagat	aggatattga	tcattgagga	atgcagcaca	1440
gatagtgtgg	gcttcacact	atagacacag	aatatagctt	tttcttaaaa	gccaaatttg	1500
ggtgatagga	cacttttaaa	tatccttaaa	tttggcaacc	actaaagcaa	aaaaacttgt	1560
cagaataatt	taaccaagcc	cctctccact	tcttttattt	aaaagcactg	attcaattgc	1620
tagggaatat	ttttgccaga	tttttcttta	cagtattccc	ttagggcagg	tccactggga	1680
aaacttgcag	aaaaatgtga	gctctcctgg	taaatagtat	acattttata	agctatatatt	1740
taaaggccta	agaacatggc	aagtattttac	ttttatcttt	tttttaaaaa	cactcatgac	1800
cagaaaccag	tttaataata	tctcattcta	aaataaaaca	ctggttgcag	ggtcttcagg	1860
atgcctatatt	tgccaagaaa	cttcagtata	cagggttagaa	atatgctttt	gtttttgacc	1920
aataatatac	tggtttgctt	taaagaaggg	actaaatatg	acttttaaaga	gacttcaaaa	1980
tattgagtat	tttaaaaatt	taaaag				2006

0040325-0110

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<210> 4063
<211> 1057
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1058)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(233)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4063
tttttttttt ttgagacgga gtctcactct gtcacccagg ctggactgca atgacgcgat      60
cttggttcac tgcaacctcc gcatccgggg ttcaagccat tctcctgcct aagcctccca      120
agtaactggg attacaggca tgtgtcacca tgcccagcta atttttttgt attttttagta      180
gagatggggg tttcaccata ttggccagtc tgggtctgaa ctcttgacct tgtgatccac      240
tcgcctcagc ctctcgaagt gctgagatta cacacgtgag caactgtgca aggcctggtg      300
tttcttgata catgtaattc taccaagggtc ttcttaatat gttcttttaa atgattgaat      360
tatatgttca gattattgga gactaattct aatgtggacc ttagaataca gttttgagta      420
gagttgatca aaatcaatta aaatagtctc tttaaaagga aagaaaacat ctttaagggg      480
aggaaccaga gtgctgaagg aatggaagtc catctgcgtg tgtgcaggga gactgggtag      540
gaaagaggaa gcaaatagaa gagagagggt gaaaaacaaa atgggttact tgattggtga      600
ttaggtggtg gtagagaagc aagtaaaaag gctaaatgga agggcaagtt tccatcatct      660
atagaaagct atataagaca agaactcccc ctttttttcc caaaggcatt ataaaaagaa      720
tgaagcctcc ttagaaaaaa aattatacct caatgtcccc aacaagattg ctttaataaat      780
tgtgtttcct ccaagctatt caattctttt aactgttgta gaagacaaaa tgtggacgga      840
tatatttagt tgtaaaccac gtgatgaaac tgcataattgt aaaggccatt tttaaaatac      900
gttggtatatg tgggtatgca cagtaaaaat ggaaactata ttgacctaaa aaaaaaaaaa      960
ggaaaccacc cttaggcagg caggacatgc tcttcagaac tctgctcttc agagttccaa     1020
agaagggata aaacatcttt tatnnccatc aaataggc                                1057

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```

<210> 4064
<211> 999
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (733)...(866)
<223> similar to gill77607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4064
aggatcgctt taggtgccgc gacccacgcg tccgcctggt cgcagctgcg gcacttcaag      60
gttactgact ttttatgatg tttggtggct atgagactat agaagcatac gaagatgatc      120
tttatcgaga tgagtcactt agtgaactga gtggtgatag tgaggtggaa tttcaactct      180
atagccaaat tcattatgcc caagatcttg atgatgtcat cagggaggaa gagcatgaag      240
aaaagaactc tgggaattcg gaatcttcga gtagtaaacc aaatcagaag aagctaactc      300
tcctttcaga tagtgaggtc atccagctgt cagatgggtc agaggtcatc actttgtctg      360
atgaagacag tatttataga tgtaaaggaa agaagtgttag agttcaagca caagaaaatg      420
cccatgggtc ttcttcttct cttcaatcta atgagctggt tgataagaaa tgcaagagtg      480
atattgagaa gcctaaatct gaagagagat caggtgtaat ccgagaggtc atgattatag      540
aggtcagttc aagtgaagag gaagagagca ccatttcaga aggtgataat gtggaaagct      600
ggatgctact gggatgtgaa gtagatgata aagatgatga tatccttctc aaccttgtgg      660
gatgtgaaaa ctctgttact gaaggctgcc agacacccta cttgaaggat cctgttgtaa      720
cctgtggaaa taatacttac aagaacgttg cagctaagct ggtccgggtg cagtgggtgt      780
acaactaatg gatcacaacc agtcacggat ttctttgttc catctccatt cccacttctt      840
cacttgacta gccttaaaaa ggctcatgcc tgtaatccca gcactaaggg aggtcagac      900
agaaggatca tttgagccca ggagtttgag atcagcccag gcaacatagc gagacttcat      960
ctctactaaa aataaaataa aaaaattagc caggaaaaa      999

```

```

<210> 4065
<211> 934
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(339)
<223> similar to gill177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4065
tttcgtctag ccttagcgag gccatggggg aaaaagtcta actggcggaa ctccctgggaa      60
ctggggcgat gggctcttag tatcggagga ttggagccat ctgattttta cctgaaattc      120
cttagtctct cctgtgttg ggaatgggtc accttgccct cagggacctg ggctttcagc      180
tgtccatacc tggccctggt tgatggcggc atgctgggca gtgcacgtga agacgcacat      240
gagaccggga cttgctgtgt tgcccaggct ggtcttgaac tcctggtctt aagcaatcat      300
actgctttgg ccacccaaag cactgggatt acaggcgtga accaccacac ccagctctta      360
aaaccacagt atttctaggt cagtataaca cacctgcccc agggacttac aggtgtggca      420
gaagcttgga cttctggctt ttctctctct tgcacccagg cagctgcag ctaccatttc      480
ctcccttcac tacgttttag attctttcct tttcattcct gtcattacca tgctaacgta      540
catctctatc caccttgctg ttgggcagg atgagcggt tgetggctgt tcttccttgc      600
cttttgggtc gtttctactt agctgactcc tcaattgggt agaaacattc ttcatacata      660
ctatactgtt ataggctgtc cttgtgatt tcaaactcta gtaccagata ctgttctctg      720
gttggttctt atgggcatca cttgtttttc tggctaaata ctagatctaa ggtaggaata      780
tggcttttgt tttactaagc agtgggtcaa gccctactgt gagcgactg ctagactggc      840
agatctctga gaatttcaga ggatttcctat ataattgtta gtgactaaac ttaataaact      900

```

taattaaaaat caacatctca agatattgaa aaaa

934

<210> 4066  
<211> 422  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(117)  
<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4066  
tttttttttt ttgaggcaga gtctcactct gtcacccagg ctggagtgtg gtggcgcaac 60  
ctcagcctct ccaagtgtctg ggattacagg catgagccac cactcccagc caatagttaa 120  
ttttctaaga gcatgtatcc ctatcagtaa gtaacaggga tacatgaaga tacttataaa 180  
atacagaaaa actgccagc aaatcagggc cctaaacagt tggtagattc cataaattca 240  
actggctacc atgtatagcc ctactgttaa ggtaggtggt taggtttcta gagagcatta 300  
gtcttagaat tatgaagagc catattaacc caaatgattt ctaaatttag atatatattt 360  
tccctgtac ataaaaactc tgggtaataa ctagaaatag acccacaatt tagagacaat 420  
gt 422

<210> 4067  
<211> 1319  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (22)...(693)  
<223> similar to gi5689527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4067  
aggcagcacg cggaggagcg cggccgccgc aaccccaaga cgggggttgac cctggagcgt 60  
gtgggccctg aaagcagccc ttacctctg cggcgccacc agcgccaggg ccaggagggc 120  
gagcactacc acagctgctg gcagctggcc ccgacgcgag gcctggagga gtctgccacg 180  
gccccctgag cttgccggtg gccctcgggt gggcggggtg gcgcgcgcgc cactgaagca 240  
ccgcgcatgg agtggaaagt gaaggtgcgc agcgacggaa cccgctacgt ggccaagcgg 300  
cccgtgcgag atcggctgct gaaagcccgt gccctgaaga tccgggagga gcgcagcggt 360  
atgacgaccg acgacgacgc ggtgagcgag atgaagatgg gccgctactg gagcaaggag 420  
gagcggaagc agcacctgat ccggggccgt gagcagcgga agcggcgcgga gttcatgatg 480



cagagccggc	tggagtgcct	gcgggagcag	cagaatggcg	acagcaagcc	cgagctcaac	540
atcattgccc	tgagccaccg	caaaaccatg	aagaagcgga	acaagaagat	cctggacaac	600
tggatcacca	tccaggagat	gctggcccac	ggcgcgcgct	ccgccgatgg	caagcgggtc	660
tacaaccctc	ttctctcagt	caccaccgtg	tgagctgccc	gggcgggtac	acggcccagg	720
cccagggaac	cccttggggc	cccggccctc	actctcctat	agagattgtg	tgtgtgtgtg	780
tgtgcgcgcg	cgcggtgctc	ctgtgcgcac	gcacacatct	cgtctgggtg	tgcgcacagg	840
gctttgttag	cagagagaag	cccctgagga	gaagggacgc	ttttcttcct	tctgcccagg	900
taaagtgacc	atgccagtgg	ccagcactgg	gggcacacct	gtgatgggca	ccccttcagc	960
tgtgcgtgtg	cattccccat	cccccatgct	cttgcggtgtg	cttgcacgtg	cacgcacaca	1020
cacaccaggt	gctctctcca	cccgaaccgt	gtacttgacg	acagggaagc	tgagctgaaa	1080
ggagcacaag	agagtgtccg	gcttcgctgc	tgagcgcggc	ctctccccgc	cgctgcgcac	1140
tgcagttatt	tgtagacaaa	ggcacccttg	atgtttgtgg	ttttctctcc	tttctgtgct	1200
tgccaatagt	tgttttgttt	tgtggacctg	ccctgggggc	tggcagctcc	ttcaggcagc	1260
ctggcagaag	tggaaactccc	ctctccactg	atggctggga	aggaggttgg	ggaggaaga	1319

<210> 4068  
 <211> 1591  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1594)...(479)  
 <223> similar to gi5052670 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4068	
tttttttttt	ttagcaaaaa gtagactttt attacagcag caactgaggc gaatcgaatg 60
gccccccagg	gccaccactg cagcaccacc tttctctccc gccccggccg cccagcggg 120
attgtagaat	tcggctcccc tagtgccgt gggcctcctt tccacacagg ctgggcggga 180
gccggcagat	cagcgactag cccccaacta gaaggcggct gctgagaagg cccaggccca 240
cgtctgtgca	aaacaagtaa acaaagtgca gaggggagga agagagggga ggggaaagga 300
tgatgctcag	aaccagggag cccccccagc cctcctgaat aataaaggag ggaaggggct 360
tcacagggta	atactgactg gggggaaggg acaggagggc tgcagcacgt ccaggggacag 420
ccacagcgca	gatcagggcc tggcccaggt gagctctaag aggagacggt gacagcggt 480
gagttgaggg	tactgttcct ggcaaaattg aacttggtca aggtctcttc tagcagagaa 540
gtcaaccggc	tctggtcagc ctactaatg aagcccagct gcaccagctc agccgccaac 600
tcggggatat	tctcatttgg catcaggtca cagctcaggt gccggttcag tttgtcctcc 660
aacttcagca	gaagtgtcag gtggtgtttg actccctcct ccaccgactc aatgttgac 720
tgcatcagca	ccaccttgcg agtctccacc tcagctggtt caggtgtcgg agtcttgaca 780
gaggggggca	cgacaggtga tgtcacctcc tcctgctgtg gctgctgggg ccgaggcagc 840
ccaaaggctg	tcagaggata gatccattc ctgacatctt caaggaattt atctaattcc 900
agagctggtg	actgagagta caaagtctga actggttctc ttctggtcc tgcagggatt 960
tcagccagta	cggcactagt atccatgttt ttggtgatct cctctagagc gttctctggg 1020
atcatgtgtt	ggtgtccac aatgcagtgg gccgcaagga gtttgagcga gggcacttca 1080
aacaatgctg	ggtggaacag aagttctctg gctgttggtc tgcgagcagg ctcagactgc 1140
aggcactttt	gaatgaactc cctctgtaat gggctctcta gaagctggat ggcactgctg 1200
atggcttcct	gtggcacata tgaggactct ccattgccct gaatctccag cactgccatc 1260
tccagtgcac	acatgcaaaa ggagtagatg tccactgctg ttgtcacatt agtgacttct 1320
ccatactctg	gtgcaaagaa gtgtagattc ttctgctctt ctcgacaagt cttcacatga 1380

ttgttgatag	tgtcaggagc	cacagagcca	atcttgatga	gtccgttggtg	ctggatgaag	1440
atggtgtcac	aggtcagggt	cccatggatg	atgggggggt	cacaggagtg	caggtagctt	1500
agggcagaga	ggatttggtg	gcaccaacgc	ttccatgcct	tttcattcat	cgtcttggtg	1560
ttcttttttg	tcttcttcag	aaattgcttc	a			1591

<210> 4069

<211> 1458

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1460)...(341)

<223> similar to gi337485 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4069

tttttttttt	ttgagaaaaa	aattgggctt	ttattggcaa	ttacaaaagt	aatagatttt	60
cttacataat	acgttccttc	agtaatatat	ttttcaagta	ttttaccgta	gaattttctaa	120
agtactttgt	cattgacccc	ataattttatt	ataaaagtagg	tcccataatc	acatttttttg	180
gaagttgctg	aaattgagat	aaaaaatatt	gtttttttat	gagaaaaact	ggacaaaata	240
cagaatggcc	aaaactagat	taactggctc	agttatgtct	actaggtgaa	agaaaataca	300
gaatctgtta	ctgtagaaat	tttaagaggt	tttgagtcag	ttccagtata	aaaataaggc	360
caaagtgtct	ctgtaaaatt	atcattaaaa	gtatagagaa	gagatctatc	attcaaatta	420
taaaaggaaa	cttcattcat	ttcatagtct	aaaaaaatgc	caatcttact	aggaattact	480
tgtggcagca	gaataatttc	cctgtggccc	aatacaatat	aattattctg	actagatcgc	540
caaattcccc	ataatccatc	ctgtactaaa	attggttgac	tcttcctcct	tctgggaaga	600
cagtcattac	agacaccaag	aatccattca	ggcttgtctt	tcacttctac	ttcccagtac	660
tgcttgccac	aactatatcc	cttagaacc	agaacagctg	ggaggagata	aaatcttctt	720
gggttatgag	gtacattttg	tgttgtattt	ccatagcgca	cagtttttct	atcttctgag	780
actataagtt	tacgatgtgc	tgtttcagga	tctagaatta	catctacttg	aaatcgcttg	840
ataatttagt	ctaggccaga	atattgtgga	ggcagatggt	aaccatattt	ttttaatttg	900
aataaaaaaca	gctcagggaa	ttttaaatc	ttatatctgt	gatagatatc	cttaacattt	960
gccagtaatt	ccagttctga	cttcacatat	atgctctcta	tctccttttag	tagatatattt	1020
aatgaggagg	tataatctga	aaattttggt	aggctttcat	ttagttgtgc	taaaatatcc	1080
atctcttcat	cttgtaattg	cctaagaaca	gtctcttgct	cattttggag	aaataacctt	1140
agttgctcaa	attcagactt	gacttcttct	gccctatgtt	ttaccttttt	cttcagttcc	1200
agtgatttcc	tggtttgcat	agttatgact	ttttcaatta	gttccactct	ctccttccac	1260
ggtgcattgt	attcctccag	tttttcccta	tgataggagg	cagccttctt	tatgggccaa	1320
acacagtgat	gctggtgatc	agtggacaaa	ctgcaccttg	gacataaaag	ctataggtct	1380
ttctgcagaa	agaaagtcaa	aacctgatta	tgcttcttac	acacatgctt	ctcttcctgc	1440
ctcttcctct	tcttgctt					1458

<210> 4070

<211> 1122

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1104)...(816)

<223> similar to gi498729 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4070

tttttttttt	ttaagtttag	ggcatttata	tatctgcaac	ccaataaacc	cctggtacca	60
tgcagctccc	ccaaattcag	tgcaaccaaa	gctgctgaaa	caagtccagc	cccagaaggt	120
gtagtggcac	tgtggtgtta	ccttattttt	atatgaccct	tcaaaaagga	cactgaaaac	180
ccagtgcctg	tttgagaga	tcatgtgtgg	aaattgaaac	cctgtcttta	aggaatgacc	240
aaattcatgc	tacttaacct	gaaaacttgg	gggcaaagtg	gttgtgatta	tctgaagggc	300
tgctatgtag	atgaagtatt	aaacatgtcg	taggcaaggt	ttagaggaga	atgtggtact	360
taaccttcta	tagatcccac	aatgaaatga	cctgccttgt	gaggtagtga	gctccctgtc	420
aagagagatt	ttcaagcaat	gggtagaaga	ccacttggca	ggagtgttgc	aaaaagtggg	480
ctaaaccaga	tttttccaac	ctagtatgga	ggaagaggca	gagtagggga	aggtcctgcc	540
cctatgagat	tctcctgatt	gcatgcaaga	tgacaggtaa	tccctgtgtg	gacagactag	600
aaaagcagac	agccccataa	atagatgggg	agaactttta	gccctgatat	ccacacaaac	660
tatttttagga	tagggtagct	tggaaaactt	taagcaaata	acgtcacctc	tcctaattggg	720
actgttccag	acacgcacag	ggaggcagcc	agcgcatgtc	aagatacaaa	gttcagctct	780
gtgcagcagg	agaccgggt	ttagttctga	ctctgccctg	tatgacctgg	ggctcctcct	840
tcccttttct	gggaccctcc	ataaaatgaa	atgaacgtag	gcagtccttc	cccttctaata	900
gggcgttgcc	cctctgactg	gagccccga	tagcagatct	agggctacag	tttggggcct	960
tggggctaca	cttgtggaca	gccagagacc	acctctggcg	gaagcaccgg	ccacactcga	1020
ggcaggggaa	aggcttctcc	cccggtgtga	gcagctggtg	ctgggccagg	tggctccact	1080
gagcaaaacg	cttgagacaa	aggaattcca	ccacgctgac	ta		1122

<210> 4071

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(226)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4071

tttttttttt	ttaatacaga	gtctcactct	gtcacctagg	ttggagtga	gtggtgtgat	60
gtcggctcac	tgcaacctct	gcctcccggg	ttcaaacgat	tctcctgcc	cagccactct	120
agtagctgga	actgcaggtg	tgcaaccaca	cgccgggcta	gtttttgtat	tttaagtaga	180
gacggcattt	caccatattg	gtcaggctgg	tctcgaactc	ctgaccccaa	gtgttccgcc	240
cgctctgcc	tcccataagt	gctagaatta	caggcctgag	ctactgcgct	tggccccttg	300
cggtactttt	ggcccaacct	cctccactgg	ctggggacgc	ggaggccgag	gagagaagtt	360

```
cacttgcccc tgggttctaa cctttgaagt ggttctcaag ggtttggggc gaagagtccg 420
gggtggggac cgaagatgca gctctatcct gtgcccctgg gtcgcaagca ggcagcccag 480
cgcttcgcgt gttctacttg gcctgtccgc tgccgcctaa tgagctcagg tctaggccga 540
gcagaggggg cacttggtcg gactcggttg ggctcgggcg gccccgccct cccccgccc 600
gccaggcggg cccttctcga cggcgcgggg cgggccctgc gggcgcgggg ctgaaggcgg 660
aaccacgacg ggcagagagc acggagccgg gaagcccctg ggcgcccgtc ggagggtat 720
ggagcagcgg ccgct 735
```

```
<210> 4072
<211> 569
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(468)
<223> similar to gi3650031 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 4072
ctaacagctg gggaattaag tccccacagt actgtcccc cttccttact gcgctacgaa 60
ccccacattg aacccccatc cctccttcat tctacaatct ctgagcgaaa cccaccccc 120
tactgagcc tcaaaccctg tgccccttca aaccttgta ggcccctggc gttggccttg 180
gcattggcca gccctcctgc cccggagatg cacatggccc gccccggccc ggcccactgt 240
ctcctccctc ctagcctgcc tctgccccaa ttctcctctc aatctcctgc gtgattcctc 300
tgtcctcagt cataccagtg tgaggggctc acccacaggg ttctaccgga tggagggggc 360
catgttccct gctccgccc ttctcctca ccagtccttg cctcggtatc agccccagg 420
tggggagctc tgctgctgcc tggaccatgc cctacttccc tctcctcggg atgtaggaaa 480
gggagggcca gccctagagc tcaccacccc cccacagcaa gcctgtgtac tgcgctctgg 540
ccaccttgct tctcgccctc ataacctac 569
```

```
<210> 4073
<211> 2545
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1552)
<223> similar to gil754515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 4073
```

gcgccaccagc	ccttaaggtc	atcctgcggt	acacctagac	cgacgcccc	gccatctggt	60
ggctggaccc	agagctgacc	tatggctgcg	ccaagccctt	cgtcttcacc	cagggccact	120
ccgtgtgcaa	ccgctccttc	ttcccgtgct	ttgacacacc	tgccgcgaag	tgcacctact	180
ctgccgtcgt	caaggcgcca	tcgggggtgc	aggagctgat	gagtgccacc	cggagtgcatt	240
acatggagga	agaaggcgtc	ttctacttcc	acatggagca	ccccgtgccc	gcctacctcg	300
tggccctggt	ggccggagac	ctcaagccgg	cagacatcgg	gcccaggagc	cgcggtgtggg	360
ccgagccatg	cctcctgccc	acggccacca	gcaagctgtc	gggcgcagtg	gagcagtggtc	420
tgagtgcagc	tgagcggctg	tatgggccct	acatgtgggg	caggtacgac	attgtcttcc	480
tgccaccctc	cttccccatc	gaggccatgg	agaacccctg	cctcaccttc	atcatctcct	540
ccatcctgga	gagcgtatgag	ttcctggtca	tcgatgtcat	ccacgaggtg	gcccacagtt	600
ggttcggcaa	cgctgtcacc	aacggccacgt	gggaagagat	gtggctgagc	gagggcctgg	660
ccacctatgc	ccagcgccgt	atcaccaccg	agacctacgg	tgctgccttc	acctgcctgg	720
agactgcctt	ccgcttgagc	gcccctgacc	ggcagatgaa	gcttctggga	gaggacagcc	780
cggtcagcaa	actgcaggtc	aagctggagc	caggagtga	tcccagccac	ctgatgaacc	840
tgttcaccta	cgagaagggc	tactgcttcg	tgtactacct	gtcccagctc	tgcgagagacc	900
cacagcgctt	tgatgacttt	ctccgagcct	atgtggagaa	gtacaagttc	accagcgtagg	960
tggcccagga	cctgctggac	tccttctctga	gcttcttccc	ggagctgaag	gagcagagcg	1020
tggactgccg	ggcagggtcg	gaattcgagc	gctggctcaa	tgccacaggc	ccgccgctgg	1080
ctgagccgga	cctgtctcag	ggatccagcc	tgacccggcc	cgtggaggcc	cttttccagc	1140
tgtggaccgc	agaacctctg	gaccaggcag	ctgcctcggc	cagcgccatt	gacatctcca	1200
agtggaggac	cttccaagaca	gcactcttcc	tggaccggct	cctggatggg	tccccgctgc	1260
cgcaggaggt	ggtgatgagc	ctgtccaagt	gctactcctc	cctgctggac	tcgatgaacg	1320
ctgagatccg	catccgctgg	ctgcagattg	tggtcgcgaa	cgactactat	cctgacctcc	1380
acagggtgcg	gcgcttccctg	gagagccaga	tgacacgcat	gtacaccatc	ccgctgtacg	1440
aggacctctg	caccggtgcc	ctcaagtcc	tcgcgctgga	ggtcttctac	cagacgcagg	1500
gccggctgca	ccccaaacctg	cgcagagcca	tccagcagat	cctgtcccag	ggcctgggct	1560
ccagcacaga	gcccgcctca	gagcccagca	cggagctggg	caaggctgaa	gcagacacag	1620
actcgacgc	acaggccctg	ctgcttgggg	acgaggcccc	cagcagtgcc	atctctctca	1680
gggacgtcaa	tgtgtctgcc	tagccctgtt	ggcgggctga	ccctcgacct	cccagacacc	1740
acaattgtgc	cttctgtggg	ccaggcctgc	catgactcg	tctcggctct	ggccatgagc	1800
tctgcccagg	cccacaagcc	cctccccctg	gctctcccag	gcaggagagaa	tggggagagg	1860
gacctccttg	tgtctggcag	agacctgtgg	acctggcctc	cccactccca	gctctcttgc	1920
actgcaggcc	ctggggccag	cccgcacaca	ccatgcctcc	tgtctcaaca	ctgacagctg	1980
tgcttagccc	cggatgccag	cacctgccag	gtgccgcccc	ggggcaaggg	ccccagcagc	2040
cctatggtga	ccgccacact	gtgccttaat	gtctgccggg	ggcccaggct	gtgctgtccc	2100
tgacgacgc	ctccttgagc	ggatctgagc	caccctcccc	gcacagccct	gcacccccgc	2160
cctagggttg	gcagcctcag	ttggcccctg	gcagaggaac	aaggacacag	acattccctc	2220
agtgtggggg	gcaggggaca	cagggagagg	atggttgtcc	ctggggaggg	ccctctggcc	2280
ccaggcaacc	ttagccctc	agaacaggga	gtcccaggac	ccagggagag	tgtggggaca	2340
ggacagcctg	tctctttag	cttccctggg	tgggaggcac	aggggcaaag	caatacccca	2400
gggaaagtgg	gaggtggtgc	tgggtgctct	tccaggccca	ccatgctggg	agaggcggtc	2460
agagcctggg	gcctccagcc	tgggactgct	gtgatggggg	atcacggtga	tgggtccatt	2520
aaacttccac	tctgcaaaaa	aaaaa				2545

<210> 4074

<211> 1973

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (31)...(1017)

<223> similar to gi4432587 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4074

tgcacggaac	cgccgcgacg	atccacgcgt	acgcctgctg	cccttgccag	cctgcgcccc	60
tacacagact	atgtggttgt	ttcggaccag	attctccagg	agtccgagga	cttcttttacg	120
ctcatcgagt	ctcatgaggg	gaagcccttg	aagctgatgg	tgtataactc	caagtcagac	180
tcctgcccgg	aggtgactgt	aactcccaac	gcagcctggg	gtggagaggg	cagtctggga	240
tgtggcattg	gctatgggta	tctacaccgg	atcccaactc	agccccccag	ctaccacaag	300
aagccacctg	gcaccccacc	accttctgct	ctaccacttg	gtgccccacc	acctgatgct	360
ctaccacctg	gacccacccc	cgaggactct	ccttccttgg	agacagggtt	caggcagagt	420
gactacatgg	aggccctgct	gcaggcacct	ggctcctcca	tggaggatcc	ccttcctggg	480
cctggggagtc	ccagccacag	tgctccagac	cctgatggac	ttccccattt	catggagact	540
cctcttcagc	ccccacctcc	agtgcagcga	gttatggacc	caggcttcct	ggacgtgtcg	600
ggaattttct	tcttggaaca	cagcaatgcc	agtgtgtggc	ccagcctgcc	ctcttcacac	660
gaactgacca	ccacagctgt	ctcaacctca	gggccagagg	acatctgctc	cagcagcagt	720
tctcatgagc	ggggtgggtg	ggctacatgg	tctgggtcag	agtttgaggt	ctccttcctg	780
gacagcccag	gtgcccgaag	ccaggcggac	cacctgcctc	agctgactct	tcctgacagt	840
ctcacctctg	cagcctcacc	agaagatggg	ctgtccgccc	agctgcttga	agctcaggct	900
gaggaggaac	cagcaagcac	agagggccta	gatactggga	cggaggctga	ggggctggac	960
agccaggccc	agatctctac	cacagaataa	caccctgggc	tgtgacaagg	cccatgatga	1020
catttcatga	ggccagatg	tgggcaggca	gcccgggctg	cactatgcgg	tcaggattcc	1080
ttgctgcttt	ggtgggacat	gaggcctcag	tgggtgggtg	gagggggcca	tgggctttgt	1140
gggaggatat	cttttggccg	tgtaccctca	ggtccagtgc	ttggctcctg	tctggtcact	1200
ggggcttccc	aggaggcagc	agggtctggt	cataatccag	tgtgaagatg	aggtgaggaa	1260
ggaagggggt	gctgtccagt	gttggcctgg	tcgctttgat	tcttcctgca	cagctcagcc	1320
caccccatct	gtactggaag	ggaccctgga	gcctggggac	cacccctttt	caagtcccaa	1380
acactgagtc	ctctgtcatg	tgtccttgct	cctaggctac	aatgctacac	ttggctcagg	1440
ctgatcacca	tgctagtcat	aggagggaga	gagaggcagt	gtacttgccc	ccatctcctg	1500
gagggagggtg	cgttggaat	tctaggccct	tcagcagaga	ccattttgtg	cccagaccac	1560
aatattttctt	cttcctcagg	gactacatgc	cacagacctg	tatccccagt	ggcaactcct	1620
gttagctccc	aaacttaaac	agtgatctct	tctaaatata	caaggcatct	acccagcccc	1680
aatagtgaat	aaaagtcaca	aatttaagtt	caacacccta	agcaattttct	caaagccagt	1740
ctacctgact	aggtctatcc	acggcacggt	tcccaacccc	aaggggaaat	taggggatta	1800
gattaagagt	aggtaaagac	ccttttggtc	tttcctgttg	taggggagga	agctgttctc	1860
cccaaccag	gtgcctttgg	gaggttaagg	ctagggttag	gccctgcact	ccacctgggg	1920
acggcccctc	atcacctgaa	gtcctctgct	gtgttgactg	gaccctcagt	tcc	1973

<210> 4075

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (628)...(176)

<223> similar to gi53182 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4075
cagagactgg gccacgtgta acgtagagca caggtgaggg tccacaccga cgccagagag      60
caccctacc  tcccacactg gtgtttgcgt tgtaactggg agaaagggcg acctggcccc      120
agccggcccc tacctgtacg tggggatgat ctgcaggctg gaggccggct ttatctgaaa      180
cttcagagtc acccctcga  acccagggtc cactctctcg gtgccccggc aggggttcag      240
ctgtttccgg ggctttctct ggggtggggc cgaggagtc cccgggggct gcagacggcg      300
gcccttttgg ctgacccctg tctgtgtgtc cttggaatcc ctgtccagca gcaggcggcc      360
ctgagtcctc agagccatcg ggtcccagca agggcccagg accgggggtgt cctgggcagg      420
ggactgacct agcctctcca ctgtctcttg gaggaagcac agggcggtga ccgactcctg      480
gcatgcaggc cagagggacc tctcactgat tctgcagcat cctgggggtcc tcggcttgtc      540
ctgggagggg gatcctccca gccgctccag gttcagacag ggcggcgcca gaagctttgc      600
tgggaggggc gggacctgtg tgggtgggag gctcttggtg gaggatgcga tgagccccag      660
ctgagagcga ccagcctcgg cggcaccttt cctctttctg gcttttttca ggc          713

```

```

<210> 4076
<211> 647
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(248)
<223> similar to gi452987 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4076
ttgtacgcgt cgacccactc gtgcgggagc tgctgatgca ggtggatgat gagcacctgt      60
cattgactga tcagaaggac cagctgagct tgcgtttgaa agccatgaag cggcagggtg      120
aggaggctga tgaggaaatc gacagactgg aaagttctaa aaagaagctg cagagggagc      180
tggaggagca gatggacatg aatgagcatc tgtaggggca gctcaactcc atgaagaagg      240
acttaatact gaagaagctg ccgagtaaag tgctggatga catggatgac gacgatgacc      300
tcagcacgga tggggggaagc ctctatgagg cgcctgtgag ctacacattc tccaaggaca      360
gcaccgtcgc cagccagatc tgagtgtctc cccgggctgt ggaagtacct gtcattcctg      420
caggagctgc agccacccaa agtgggaggc agggaggggg gcatctgtct gccactgaga      480
ccaatcacag cctctttgca cagcatgccg gctcctcagt gttacattcc tcgccagggt      540
ctctcagtgg gtcttcgaca gagagctttt gcagtttaaa atgttgggat gcctgaggac      600
caggagccac caccactggt ggtgttgtga gagatacact ttggtag          647

```

```

<210> 4077
<211> 901
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (717)...(260)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4077

ctgatttctt	caaggtgagt	catcatcccc	ctgctgctgc	gcaccatgcc	tgagtccaaa	60
aatggctgga	cattgctgca	ggaaatcaaa	atcaccagca	agtttcgagg	caaatacctc	120
tccattatgc	ccctcggtaa	ggttaccatc	tttgtcagaa	ttaatgctcc	tggaatgaaa	180
ggttttctgg	cacgatggag	gaggtcactg	gctaaagagt	caggagacag	gaggtctgat	240
tcgagcactg	accctcacta	actggccttg	ggcaggtatt	taacttttca	gctatcaa	300
gagtggtggag	gctagaaaact	ctttaaggac	ccatctagtc	ctaaattctt	tatcctctta	360
gctatattta	acgcatctct	aagcactatt	tagaacacaa	gttctagcat	gcattaaaaa	420
aaaaaaattc	tgtctcttaa	ctgggggggt	tttcttctt	actttggcag	tcagggttctc	480
tctgtaaatc	aaaactcatg	attgcaaggt	taggtttctt	agctaatact	tccgctttct	540
cctctccttc	ctcccttttc	ctccacctga	tgggttaggt	atcatttatg	taatggctga	600
attctaggtc	actgaaactt	tatttttaaaa	agatcttact	tggggctggg	cacagtgcct	660
caccctgtga	atcctagcac	tttgggaggc	cagggcaggc	agattgtctg	agctctggag	720
ttcaagacca	gcctgggcaa	catggtgaaa	ccctgtcttt	actaagaata	caaaaaaatt	780
agctgggtgt	ggtggtgcac	acctgtagtc	tcagctactc	gggaggctga	ggcacaagaa	840
ttgcttgaac	ccgggaggcg	gaggtttcag	tgagctgaga	ttgcactatt	gcactccagc	900
c						901

<210> 4078

<211> 1689

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(696)

<223> similar to gi5420389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4078

gagcgatcga	ggctgcagcg	cggccgcccg	gcgcaacatg	actgccgtcg	gcgtgcaggc	60
ccagaggcct	ttgggccaaa	ggcagccccg	ccggtccttc	tttgaatcct	tcacccggac	120
cctcatcatc	acgtgtgtgg	ccctggctgt	ggtcctgtcc	tcgggtctcca	tttgtgatgg	180
gcaactggctc	ctggctgagg	accgcctctt	cgggctctgg	cacttctgca	ccaccaccaa	240
ccagagtgtg	ccgatctgct	tcagagacct	gggccaggcc	catgtgcccg	ggctggccgt	300
gggcatgggc	ctggtacgca	gcgtgggcgc	cttgcccggtg	gtggcccgcca	tttttggcct	360
ggagttcctc	atggtgtccc	agttgtgcga	ggacaaacac	tcacagtgcg	agtgggtcat	420
gggttccatc	ctcctcctgg	tgtctttcgt	cctctcctcc	ggcgggctcc	tgggttttgt	480
gacccctcctc	aggaaccaag	tcacactcat	cggcttcacc	ctaattgttt	ggtgcgaatt	540
cactgcctcc	ttcctcctct	tctgaacgc	catcagcggc	cttcacatca	acagcatcac	600
ccatccctgg	gaatgaccgt	ggaaatttta	ggccccctcc	agggacatca	gattccacaa	660
gaaaatatgg	tcaaaatggg	acttttccag	catgtggcct	ctgggtggggc	tgggttgagc	720
aagggccttg	aaacggctgc	ctgtttgccg	ataacttgtg	ggtggtcagc	cagaaatggc	780



cggggggcct	ctgcacctgg	tctgcagggc	cagaggccag	gagggtgcct	cagtgccacc	840
aactgcacag	gcttagccag	atgttgattt	tagaggaaga	aaaaaacatt	ttaaaactcc	900
ttcttgaatt	ttcttccctg	gactggaata	cagttggaag	cacaggggta	actggtacct	960
gagctagctg	cacagccaag	gatagtcat	gcctgtttca	ttgacacgtg	ctgggatagg	1020
ggctgcagaa	tccctggggc	tcccaggggt	gttaagaatg	gatcattctt	ccagctaagg	1080
gtccaatcag	tgcctattct	tccaccagct	caaagggcct	tcgtatgtat	gtccctggct	1140
tcagctttgg	tcatgccaaa	gaggcagagt	tcaggattcc	ctcagaatgc	cctgcacaca	1200
gtaggtttcc	aaaccatttg	actcggtttg	cctccctgcc	cgttgttta	accttacaaa	1260
ccctggataa	ccccatcttc	tagcagctgg	ctgtcccctc	tgggagctct	gcctatcaga	1320
accctacctt	aaggtgggtt	tccttccgag	aagagtctt	gagcaagctc	tcccaggagg	1380
gcccacctga	ctgctaatac	acagccctcc	ccaaggcccg	tgtgtgcatg	tgtctgtctt	1440
ttgtgagggt	tagacagcct	cagggcacca	tttttaatcc	cagaacacat	ttcaaagagc	1500
acgtatctag	acctgtcgtg	ctctgcaggg	ggtgaggggg	aacagcgaga	gcttgggtaa	1560
tgattaacac	ccatgctggg	gatgcatgga	ggtgaagggg	gccaggaacc	agtggagatt	1620
tccatccttg	ccagcacgtc	tgtacttctg	ttcattaaag	tgctcccttt	ctagtcctta	1680
aaaaaaaaa						1689

```

<210> 4079
<211> 666
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(402)
<223> similar to gi5459148 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4079						
tgaggcttgg	catgacaaat	ccgccctata	ttttatagca	tctggaggaa	atggcaaaaa	60
tgcttaatca	ccccagagtc	tacgtttttc	tgcacatacc	agtccagtct	gcctccgaca	120
gcgtactcat	ggaaatgaaa	agagaatact	gtgtggctga	cttcaaaaga	gtagtggatt	180
ttctgaaaga	gaaagttcct	ggaataacta	ttgtacaga	tattatctgt	ggttttcctg	240
gagaaacaga	tcaggatttt	caagaaacag	tgaaacttgt	tgaagagtac	aaattcccaa	300
gcctgtttat	taaccaatth	tacccaagac	caggaactcc	tgctgcaaaa	atggaacaag	360
ttccagcaca	agtgggtgtc	cttcaaaagg	ataaacttcc	ttcctggcca	aagccttgtg	420
gcaaagtaat	tgaccacagc	tttgacagca	acaaagatga	cctcttcaca	tccacttcct	480
tagccctttc	cttccacttt	ctgtttcagg	agaagaagga	ccattttntt	gttattaaaa	540
tgactatgct	gttctaagaa	tttctgactg	attactccac	tcctgccatc	agcttcttct	600
ttacggccca	actctcctaa	aatatggtgc	tggatttgtt	gtgtttaga	gtaaaaataa	660
tattgt						666

```

<210> 4080
<211> 1320
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(1052)
<223> similar to gi5441615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4080
cttagaccac gtggtggaat tcgagccatg gatggcggag ggagcgaatc cacacgagag      60
ctctccagaa tctgactacc cacttggttga tgaaccaggg aagcattggg aaagcaaaga     120
caatttttgg aagtcagttt tgctcacatt caatataatt ctgactatgg agagaatcca     180
ccattataat atgagcacia ggcttaatcc aatgagaaaa aaatcatata aatcgtttga     240
gaagtgtttg ccacctaatt tagacttact taaatataat agaagttata ctgtagaaaa     300
cgcttatgaa tgcagtgaat gcgggaaagc cttcaaaaag aagtttcatt tcattagaca     360
tgaaaaaaat catacaagga aaaaaccttt tgaatgcaat gactgtggaa aagcctatag     420
caggaaggca caccttgcaa ctcatcagaa aattcataat ggagagagac cctttgtgtg     480
caatgattgt gggaaggcgt ttatgcataa agcccaactc gtggtccacc agagacttca     540
cactggagag aagccttatg agtgcagtca atgtgggaaa acattcactt ggaactcctc     600
atttaatcaa cacgtgaaat ctcatacact tgagaagtca tttgaatgta aggaatgtgg     660
gaaaaccttc aggtatagtt catcccttta taaacattcc agatttcata caggagagaa     720
accctaccag tgtatcatat gtggcaaagc ttttggaac acatccgtgc ttgttacaca     780
ccaaagaatt catacaggag agaaaaccta cagttgtatt gaatgtggca aagccttcat     840
caagaagtcc catctcctca gacatcagat aactcataca ggagagaagc cctatgaatg     900
taacagatgt gggaaaagcat tttcccagaa gtcaaatctt attgtacatc agaaaattca     960
tacataatat tcactttatg aatatgagaa ggccttatta aatattttgc taaatcttat    1020
taaatactaa agaattcatg gtgagaagtc tacaatttaa atgaatttgg aagagtagat    1080
tcccataaaa aacaaccaat gccaatcatg ttctggaagt gataataaac tttttacaga    1140
aaatatgaca gaaaacaact ataaataata gagcataaag cttggaaagt aagcatacct    1200
taaaaaaatc aaaagaacca gttgaaaact acatttgcca ttcctgactt ttaattttta    1260
taataaaaat aattatgcaa gtgtgagttt aaaaatatat ccttatacat tattattaaa    1320

```

```

<210> 4081
<211> 1494
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1495)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (133)...(550)
<223> similar to gi2811216 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 4081

ccaatatttg	gtatcttcat	atgttatctc	taggtagatt	tacaggttag	tcatagtgc	60
gaaatatagg	acagaatcag	ggtgctataa	tgtcattctc	tagaaccat	tccctttatt	120
ttcatttttag	gaaaagcctt	tacctcctct	caaagacctc	gacctaccag	cccattttct	180
actgacagta	acaccagtgc	agccctgagt	caaagtcaga	ggcctcggcc	cactaaaaaa	240
cacaaggag	ggcggatgga	ccaacaacca	gcattgcctc	atcgaaggga	aggaatgaca	300
gatgaggagg	ccttgggtgcc	ctatagcaag	cccagtttcc	catctccagg	tggccacagc	360
tcatcaggaa	cagcttcttc	taagggatcc	actggaccta	ggaaaaccga	ggtgttgaga	420
gcaggccacc	agcgcaatgc	cagcgacctt	cttgacatag	gatatatggg	ctccaacagt	480
caaggacagt	ttacagggtga	attatagtaa	atgagaggag	acatacaaag	ctgctctgaa	540
ggaccatcag	gtccggactc	atggaagtga	tgactctaaa	cagtgcattg	aacaatttat	600
ttatgtacta	ttaaaagaac	tgtaaagtga	atgtaaagac	acacagccac	acatatccca	660
cagatatttt	cattgtgttc	ttctcttaag	tacaccaccc	accttaactc	tttcttgtca	720
ggagtatata	aaaaagaaag	aaaacaaaac	tcgccctaca	ggaagaaaag	gattctcctc	780
tgtatataat	ttcttttgtg	cattgctatg	caagctcact	cttttttagct	ctgctcatat	840
tattgtctgt	tcttattggt	ctgttggtact	atatgtgaat	taataggctg	tgggtgccata	900
tattaacttt	taattgtgta	acttttatgt	ttaaattttg	cactgcaatt	ttatttggtg	960
ataagcacia	atctctactc	ctcatgacat	gaagaaaaag	actgaatgtg	aaggagagtt	1020
ctgtactgta	agctagattg	gataatgatg	gctgtaacaa	atcatgttag	atgggtttca	1080
gttggggtgt	agaaatagga	agatgcaaaag	gaacaatggt	gttggtgcaag	tcttctttga	1140
atatcaggga	ctgagtcaat	aaaaaaaaata	gtagaaaggt	ggcttttact	attgacaaaa	1200
gccgggggtca	aaaaaagtag	tttaagtctt	aagactgaat	atgcattaaa	gtatgcaggt	1260
agcaaagatg	ttaattaaat	ttgcttaaaa	aaaagaattt	aaagttttat	ttagaatcaa	1320
ttttacctgt	cattgtaatt	gacccatctg	aganttacaa	taagcaagag	gaaattaagg	1380
tgttttgcaa	gagctgtatt	tatattacca	gttttttttna	aaaacatttt	ctgaattatc	1440
cgtaattaag	ctctccact	tcgttaagtc	caggattata	atatgaagtt	cccc	1494

<210> 4082

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2043)...(1574)

<223> similar to gi5901848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4082

tctgggaacc	ttcaatgtat	tactgagacc	atgaaccaca	aaaatagggt	tgagtgaggt	60
gtgagctaga	cctttctgga	ggctgaaagc	attcacacac	acacccctct	gctagttaca	120
tggacacaga	ccttgagcca	cagcacacgg	cagccagtcg	agctagggtca	caggatgatt	180
cttacaggac	actgatattg	atgtatttca	caaatgagaa	taagttggga	atgttagtgc	240
aatttaataca	ccgtaagggt	gactttttaa	gatacactga	tagttaaaaa	aaagacaatt	300
aaaaaatagc	attttgtttt	ttaaatggca	cccattaaag	actcaacagt	caaatgaga	360

caaatacgtc	cttttagacgt	tcacagacaa	ttgaaaggca	ctttaaaaat	ccacttttta	420
aactaccact	tgagaacaca	tggttagcaca	gtcttaaatt	catcctagtt	gatcgggaat	480
gatgaatgag	tgttggcacc	agaaaatcct	gcttgcagaa	gggggcgcag	gtgtcggtcc	540
acgggacagc	cactggccag	gctagctgcc	gcctcactcc	gcagccttct	gtggctaaat	600
ggcaggacgg	acacacagga	atgggctttg	gaccacaagc	tctggcatat	cgggaggcaa	660
agcactcaag	tactctgcag	tctagatgac	acatttcatg	gtttggagga	cagaagtagg	720
tttccacatc	acatgaaaag	gacagtgtca	cagtgggggt	acccagtaaa	cagctaccaa	780
agccatcatt	tcacgcttcc	ctgtagtttt	atgagctcgc	cctctgcatg	tggatatggg	840
gaaagccggg	catgaagggg	tgtgtgaaaa	agaacagcct	ctgtgactga	ctgcagtaag	900
ctcacaagtt	tgtcactgtc	agacttagca	agtcagcctg	caaaggttgt	gctgatctct	960
tggccacact	acctactcag	gttcccatcc	atgcctcctg	cctgccccca	ccccagccc	1020
caccagttag	acttctgatt	ggaagtctat	agacataaga	attcaactct	gacccatgga	1080
tgagaggatg	aggcaaagaa	ccaatgggtt	atctagtaaa	cgatcaataa	ctacctaccc	1140
acaatgattg	tcccaggcca	atgtcacaa	acgacattac	ttccaagaac	caagtcatcc	1200
cttgcttctg	cgggccaggt	gccacgggta	ctgtcctgag	tggtttgga	ggtgggtagc	1260
cgctgataca	gggacaggca	gatgtgcaga	cacttaccac	cctgggtccac	cgatccccacc	1320
ccatgcttcc	acctccaga	gctcttgaga	taagacctta	agaaggatcc	ttgggcttgc	1380
attaaaacca	ctttgctgtc	cgtggagggtc	tgacaggacc	caatagttgt	tactacaaaa	1440
gtgcttttgc	aaatagggca	agttagaaga	aggaggtaat	atgaatattc	tttagaaaaa	1500
ctcaaatacca	tcggccttatc	aatacccaaa	gtctgaggct	acccagggca	caatttggtc	1560
catggaatgc	tgagtggagg	aggcagctgg	tgtgaggctg	cgctgactc	ccaggagcat	1620
ttagccatcc	tttttggtt	ggggagtgtc	aaagagccgg	actgccttcc	tgacagcag	1680
acagaaccag	tagatctgag	gagctacgag	gaaggcattg	gccacgttgc	agtagaatgg	1740
gatgctgaag	ggtacttgga	gcaggcttag	tccctgctgg	cggccatagg	accagtacat	1800
gaaggggaag	agaaggatcc	ggcaggaaa	gaagggtggc	agcgtgagga	ttccattcac	1860
cttgtagaga	agggtgtgct	gctgctttag	ctgaatcaga	accctgcccc	gcgacacaaa	1920
cgagtgctc	agttctgccc	tgaagatgca	gccgacaaa	aagtcccca	ggtctccccg	1980
gagcctctgt	gcgactggca	caaggacaaa	gagaatgacc	gcatgatgtg	tgatcatgag	2040
gcggtttcga	cttaggaagt	ttcgaagagt	gagggagggc	gcacggttct	ggtctctggt	2100
tcggcaccat	tcacagaggt	acatggcgta	cgagtcatag	atcatgtatg	gaatcagaaa	2160
ccacacatat	tcccgggcaa	gccagtgcct	gccggtgac	acgtcgtcgc	aggagcgaat	2220
gatgacgac	cccagagccg	tggccagcac	ggcgtgcacc	gaggaaacca	gcctggtgct	2280
gatcatcacg	cagtcggtgc	ggctccatcc	gggctgggag	cggcgcagcg	cgcaggccaa	2340
agcgcgttgc	agcgggggtcg	at				2362

<210> 4083

<211> 2349

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(1229)

<223> similar to gi538413 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4083

gaaagcgagg	taaccacat	tacgccaagc	ttggcacgag	gccagggaaa	aaccctttgg	60
gcgtgatgag	agtggtaatg	ctttcagaaa	taattctggc	cttaaagtac	ataaacgaat	120
ccacactggg	gaacgacctt	acaaatgtga	agaatgtggg	aaagcataca	tctctctctc	180

094873E 04100

gagccttata	aatcataaaa	gtgtacaccc	tgggggagaag	ccctttaagt	gtgacgagtg	240
tgagaaggcc	ttcatcacat	accgaaccct	tacaaaccac	aaaaaagttc	atcttgggga	300
gaagccctac	aaatgtgatg	tgtgtgagaa	atcttttaat	tacacatcgc	tcctttctca	360
gcacagaagg	gtccacacta	gagagaaacc	ctatgaatgt	gacaggtgtg	agaaggtctt	420
cagaaacaac	tcaagcctta	aagttcataa	aagaatccat	actggggaga	ggcctatga	480
atgtgatgtg	tgtggaaaag	cctacatctc	acactcaagc	cttattaacc	ataagagtac	540
ccaccctggc	aagacacccc	atacatgtga	tgaatgtgga	aaagcttttt	tctcaagcag	600
aactcttata	agccataaaa	gagtccatct	tggggagaaa	cccttcaagt	gtgttgagtg	660
tgggaaatct	ttcagttaca	gctctctcct	ttctcagcac	aagaggatcc	acacagggga	720
gaaaccctat	gtgtgtgata	ggtgtgggaa	ggccttcagg	aacagctcag	gcctcacagt	780
gcataaaagg	atccacacag	gtgagaaacc	ctatgaatgt	gatgagtgtg	ggaaggcata	840
catctcacac	tcaagtccta	tcaatcataa	aagtgtccac	caggggaagc	agccctataa	900
ttgtgagtg	gggaaatcct	tcaattatag	atcagtcctt	gaccagcaca	aaaggatcca	960
cactggaaaag	aagccatacc	gatgtaatga	gtgtggtaa	gcttttaata	tcagatcaaa	1020
tctcaccaag	cataaaagaa	cccatactgg	agaggaatct	ttaaatgtga	tatatgtggg	1080
aagttatagt	ggcacatccc	agaagagAAC	ctatgaggga	gggaatgccc	tggatggggg	1140
caggatgagg	atgcctctgt	agcaggcaga	gcttaccga	tctctccgaa	ctcaaagtga	1200
agaaatacct	tatgaatgta	agaatgtagg	gggtcatggc	ttgtaattta	cacagtgtaa	1260
atgaaaccat	cctagaggat	tatgaggaat	cctttctatg	tgattttcaa	tcatagcaag	1320
caagaaaggc	tccagtgtca	aggtagttca	gctcttacag	gatataaaac	agtccatact	1380
tgagagaaaa	acttagatct	gagtgatgga	atgtgaagca	aatcttcaaa	atcagtagac	1440
atttctggac	ataaaacaca	gatgaggaaa	gggcttcaat	tagaagttac	gtaatcacca	1500
tcagaaaagt	catgtttggt	aaattctgtt	actagaaatg	taggaaattc	aggtatagct	1560
ttgaatccca	attacacatt	ggtcagtggg	aaaactaagg	gcctccaaca	ggcaaattca	1620
gggaggatag	gttttcaggga	atataaattt	atttaatat	agtgggtctt	aagtataaac	1680
ttgatgtaat	tggtttgagg	gggggcagtg	atgatgactt	ctgaaacaaa	atttggtatt	1740
ccttttagga	aaagtagaaa	gcatagactt	acaagtctaa	caggagatag	gagagagtca	1800
ctcataaaaa	atgcaaattg	atgaacgtac	tattgtgata	cattagttag	atggatgaaa	1860
cttttttaaa	gttttcagatg	aactcccata	atgaatgatg	aatttgtgat	gagggataac	1920
ctggaaagtgg	tattcacaca	ttatgctaca	ataaaagggt	ctaccgtgga	gaggattttg	1980
acacattcag	taactaatgg	aacacaccgt	caacatgaat	tcgcacctta	catgacagaa	2040
gtgattcagg	gattccctatg	aatagaaatg	ctgagaagga	acgcatttta	ttgcagaagc	2100
taaaaagcta	aagtaccagt	catctagaga	gaaggaaatt	aatgtttctt	aataatcctg	2160
ttaaatgttt	gattgttttt	ggaatgtgtt	attgtaaaga	tgtcatgcag	gacatgtata	2220
tgttgtctgt	tgtaaaatgt	taacgaatac	tttgttcagg	gctcactctc	tctttgtcat	2280
gaaagccagc	tccttgtggc	gaggtaaagt	ggaattccaa	taaagaaatt	ccttaaatca	2340
aaaaaaaa						2349

<210> 4084

<211> 1281

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1282)...(433)

<223> similar to gi2723316 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4084

004002001000

```

tttttttttt ttaatgtata aagaaaagag ttttaagttgg ggcgatatgt gtgaaggcctt 60
aaatgaaaac atggtgctggg catctgatca ccctctagga gagccctcag gaagggttaaa 120
atcatggttg aaggcaaagc ggggtgctggg atttcacatg gtgagaatga gggcaaagcga 180
caggggaagtg ctatgcactt ctaaacagcc agacctcaag agaagtcact attgccagga 240
cagcaccaag gggatgacgc tacatctttc tcagtttgaa aaatccactt ccatgattca 300
atcacctccc aatggggcccc acctccaata cctggagatt acaattccac agggatttca 360
agagaagggg taaatataca aggtatatcc agtaagtagg aattattccg gtggattcca 420
gaaactagga caacgtctaa ggccttggtc acattgagtt tagttgtaag gctctctccc 480
agtatgtctt attcgatgtt tagtgaggcc tgagcgacaa ataaaagatt tcccacactc 540
attacattta taagggtttt tgccagaatg aattcttttg tgtttgctga gggaaaacaa 600
ccgccc aaag gctttgccac attcaatata tttgtatctt ttctctccag tgtggattct 660
ctgggtgactt acaagatgtg aactatgcct gaataccttg ccacattcat cacatttata 720
tgggtttctt cctgcattgaa ttatctgatg tgcagtggag tttgagctcc gtttaaagggt 780
tttgccacac tcattacatt tgtaagggtc gtctccagta tgaacagtct gatgaagtct 840
aagatggaca cgctgactaa aggaattccc acactgattg catttgtaag gtttctctcc 900
ggtatgaatt ctctgatgtc tattgagtggt ggagccctga ttaaaggcct tggccacattc 960
atgacatttg tatggtttct ctccagtatg aactcttcga tggccctacaa gatgtgaata 1020
ctgactgtag accttgccgc attcattgca tttgtaagggt ttctctccac tatgaattct 1080
ccgatgcact gtaagacgtg aacattgact gaagaccttg ccacattctt tgcatttgta 1140
aggcttctct ccagtatgaa ttctccgatg ccttgcaaaa gctgaacggt cactgaagac 1200
cttgccacat tctttgcatt tgtaagggtt ctctccagta tgaattctcc gatgcactgc 1260
aagacgtgaa tgttgactga a 1281

```

```

<210> 4085
<211> 1240
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (222)...(358)
<223> similar to gi5225326 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4085
ctttttataa ctctcctttt catgtcacat attcttctcg attctagtga ttgatcaaag 60
gacacctctt cactttccct tgtcccttgg acacctgtt ttatcccatc ctgtttggct 120
tttctcacac ctgcaaccac agacctgcct gagtttgtgt aagggtttct gaaataatgt 180
tccttctcct tgtcgtctgg ctgtttgttc atctccgtgt acctgccttg taggtgggca 240
cttctctctg ggtgtaccca gcagccatgt ttgcccccca ggtggctgcc aggggcgtgc 300
cagtggctga atttaacacg gagaccaccc cagctacgaa cagattcagg tactgggata 360
ccctgatggg agaggagat gtgggaggca ggtacagaca tggtcattcta aacatagttg 420
acctactcct ctaattttta aaaaagacat aggggttgtg ttttttgggt tgatctgcag 480
ttgcttttat ggaagaacaa aatcattcac tgtagactaa ggtagggtag ctctgtcatt 540
gtatgcgaaa tttgccgcgg gacttttgtt tgttcacatt ttgaacgctc ttcttggtatt 600
ccttaggctt tgctttccct tacattttta agctagactt agtgatgacc tgtagttgta 660
ggttacccaa atgctccgca agtaagcctg ggagacgccc ttgcagaacc tcatcacctg 720
ccgttcttac tgggaggcca cctggcagat accccttttg tctaatacgcc aagggttattt 780
gtatctgtgg ccatattatg acactgatcc tgcttcccaa gtttggttgg gaagtgtaga 840
ttgtcatagt atgcattttt agtcttattc ctgggtctgt tttatttctt catccatgtt 900

```

ctgtcttttt	tctcacccca	actttttttt	gctttttacct	ctaattcttg	tccatctagt	960
taatttccttt	tgaataagtt	agaatataaa	taagtagtaa	attaatataa	atgaataaaa	1020
tagaaaactt	cagtgaacca	tcttgtcatt	actttaatca	acagtttcca	accttggctg	1080
catattttaa	aaatactgat	gcctgggtgc	cacctcatga	aatttcgatg	tcattgctct	1140
gagttgcagc	ccagacatca	tcattttgat	aagcttccta	ggtgattcct	gtgtgcagcc	1200
aggataggaa	ccactcttct	aagtctaaac	tgggatttaa			1240

<210> 4086

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (35)...(267)

<223> similar to gi4262296 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4086

cggcacgagg	agagctagca	ccatgacttc	aataccctgt	atctttaacc	tccttggttaa	60
gtttgtctct	tccagaatca	aagctgtaaa	acaacacatc	gttcttcaaa	tggagcccca	120
gatgcagtc	atgactaaga	tctaccgcgg	atccctggac	cagcctgcta	gccccatgctc	180
cgatgttaat	gacatcgaag	gcactcctcc	cgaggaaatc	tcaaatgcac	aaccctact	240
atgccccaat	taagcaggaa	gcagttggag	cagtcgacgg	ccaacctccc	caacagcact	300
tgggttttcc	tgttgagagg	gggtactgag	agacaggact	agctggattt	cctaggccga	360
ctaacaattt	ctaagcttg					379

<210> 4087

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (456)...(135)

<223> similar to gil48269 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4087

cgagattcaa	tgtccgtacg	ccggagatcg	tcgtgagcgg	aaactgcctg	gtgatccccg	60
atatagtcct	aatgtggcgc	atccacgctc	agataacgta	ggtagcggtc	tacatcggtg	120
tgtaaatcgg	tcatacgctg	tcaatccaac	gctccagaag	ctccggcaac	atcagcgcaa	180
tttcatgaag	taactgcgtt	ccttgccctt	gttgatagtg	actggcatcg	cgactggtaa	240

```

acagcacgac acccaaata gcatcgcttc ccagcatcga catcgccacc gatcccaccg 300
ctttcgcttc cggtagcacc accagcagct ctggtcggtt aagcggccca agatagtgt 360
gttcctgccc ctaacgctga atacgcagcg gttcgaaaga ctgacggctt aatgccagat 420
gagtgtggtt cgacggcgca cctaagcgcc agc 453

```

<210> 4088

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (500)...(32)

<223> similar to gi41565 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4088

```

ataatcaatc ttacacaca agctgtgaat cactccatcc ccagctcttt taacttacgc 60
gtcaggggtg tgcggcccca gccgagtagc cgcgcgctt cctgtttatg cccctgcgta 120
tgtcgcaacg cggtcgtagc taacgtccgc tccagctctg gctgcgcttc ggaaagcaga 180
ttttgatgac cggaacgcag cgctctgtct gccactgag caagaagcgt cgccagctg 240
tccggttgca ttgcaagt actctccgca accgttgatt caaacagttc gccgggcaaa 300
tctgaatca acacttcctg cccggcgccg atcaccgtta gccagcggca ggtgttttcc 360
agctggcgca cggtgcctgg ccacgccaga cgcgtcagag cagcttcggt ttccggatgc 420
agtaacttcg cttatacgcc cagttcgcgc gcggcaacct gtaaaaaatg gcgcgccaga 480
cgggcaatat cttccttt 498

```

<210> 4089

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(19)

<223> similar to gi1825606 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4089

```

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ctgttgatct agttcttagc tgtgtggaca attttgaagc tcgaatgaca ataaatacag 120
cttgtaatga acttgacaa acatggatgg aatctggggc cagtgaataa gcagtttcag 180
ggcatatata gcttataatt cctggagaat ctgcttggtt tgcgtgtgct ccaccacttg 240

```



tagttgctgc	aaatattgat	gaaaagactc	tgaaacgaga	aggtgtttgt	gcagccagtc	300
ttcctaccac	tatgggtgtg	gttgctggga	tcttagtaca	aaacgtgtta	aagtttctgt	360
taaattttgg	tactgttagt	ttttaccttg	gatacaatgc	aatgcaggat	ttttttccta	420
ctatgtccat	gaagccaaat	cctcagtggt	atgacagaaa	ttgcaggaag	cagcaggagg	480
aatataagaa	aaaggtagca	gcactgccta	aacaagaggt	tatacaagaa	gaggaagaga	540
taatccatga	agataatgaa	tgggggtattg	agctgggtatc	tgagggtttca	gaagaggaac	600
tgaaaaattt	ttcaggtcca	gttccagact	tacctgaagg	aattacagtg	gcatacacaa	660
ttccaaaaaa	gcaagaagat	tctgtcactg	agttaacagt	ggaagattct	ggtgaaagct	720
tggaagacct	catggccaaa	atgaagaata	tgtagataat	ggactgggat	atattgtatt	780
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ttgcctgttt	ctccccgctc	caacgaaatc	attaactctc	ctaaaatgtg	tttcattcta	960
gtaagaaaaac	ctcaaaggat	attgtaggat	ataaatctta	cttgaaaaca	tagctgttga	1020
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cagtaatccc	ttgtgtctgt	tgcatgagga	catggacaat	aaagtagtat	atgatcctca	1140
gatacaggga	gaaggacaag	gcatacagct	tattgattag	agctggcaag	catcttctca	1200
ttatgtttgg	aattgctttc	tataagaaaa	ttgccacta	ctactaactt	gatcaacaat	1260
gaattcaaaa	tagttaacct	atgaaataac	atcctctcaa	atgtttgctg	atgaagtaca	1320
agttgaaatg	tagttattgg	aaaagtctgt	aacctgtgga	tcatatata	tcaaagttag	1380
acaaaggcaa	ataaaaagca	gctattttca	tgaatagaca	aagttgattt	caggaagtat	1440
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<210> 4090

<211> 1766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (113)...(742)

<223> similar to gi3986746 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4090

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gaggcagttg	gaggtagcgc	aagttgaaaa	ccagctgcta	aaaatgaagg	tggaatcgtc	180
ccaagaagcc	aatgctgagg	tgatgcgaga	gatgaccaag	aagctgtaca	gccagtatga	240
ggagaagctg	caggaagaac	agaggaagca	cagtgcctgag	aaggaggctc	ttttggaaga	300
aaccaatagt	tttctgaaag	cgattgaaga	agccaataaa	aagatgcaag	cagcagagat	360
cagcctagag	gagaaagacc	agaggatcgg	ggagctggac	aggctgattg	agcgcattga	420
aaaggaacgt	catcaactgc	aacttcaact	cctagaacat	gaaacagaaa	tgtctgggga	480
gttaactgat	tctgacaagg	aaaggatatca	gcagttggag	gaggcatcag	ccagcctccg	540
tgagcggatc	agacaccta	atgacatggt	gcattgccag	cagaagaaaag	tcaagcagat	600
ggtcgaggag	attgaatcat	taaagaaaaa	gttgcaacag	aaacagctct	taatactgca	660
gcttttagaa	aagatatctt	tcttagaagg	agagaataat	gaactacaaa	gcagggttga	720
ctattttaaca	gaaacccagg	ccaagaccga	agtggaaacc	agagagatag	gagtgggctg	780
tgatcttcta	cccagccaaa	caggcaggac	togtgaaatt	gtgatgcctt	ctaggaacta	840
caccccatat	acaagagtcc	tggagttaac	catgaagaaa	actctgactt	aggcactcag	900
aggcatatc	tttttacaga	tggacaaaag	ctctggaacc	ctgtggcttc	aaatcctttg	960

```

ggaaggggtga ctgttggtttc ccctacacac agtgtaagcc ggaatgggaa tcgctgaggc 1020
tctgatccac ttctaagaca ggaaggaaag tgaaggcaga gtgagcaggt aagagaggga 1080
tatacaaggt cacatttcag acacccactc ggcataccct gccgtactgc atcatcattt 1140
gttttctttg tagacactga aatcctatca ggaggattcc ttcacaatgt attttatttg 1200
ctagactttg gttggggaggg aaaaggacat taatttgaag tttcatgtta ttcatgccag 1260
gattgtttga tagagcatga aggtttttgtt tacccataaa agtatttagag gcagcggtttc 1320
tctgatacag agaggcctgt ccacaagaag catgggcacc cagccaaact tgaacctgga 1380
agggaggggtt cccggcctgc aggtgctctt tcctcttggt cccaagcatc tgtgcaggggt 1440
cgtgggagcc aactgagag acttggtgtg gccagacaag cttcattctg atgcgctagt 1500
cccttggttt aatttggtgcc ttatgctttc attggaccag ctgaaatcac tgtattttatt 1560
caacttgatga tttttttttc tttctcactt taacttaaag agaattttat atgtcttgga 1620
aatttaataa tttagtgttc tcagtatcaa ttggtgtttt tgtaaacga atgaatcatc 1680
tgttcatgca tgctctactt tgatattata acctatgtca catgtgttta ataaatacca 1740
tatattttgt tctactaaaa aaaaaa 1766

```

```

<210> 4091
<211> 1455
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(366)
<223> similar to gi5690449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4091
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ccacctggct ggagagggcc aaagaggcca ccatctctat gggaagtgcg gtgtttgcag 180
gtgtggccat gaccaacctg cctggcatcc ttgtcctggg cctcgccaag gccagctca 240
ttcagatctt cttcttccgc ctcaacctcc tgatcactct gctgggcctg ctgcatggct 300
tgggtcttct gcccgctcat ctcagctacg tggggcctga cgtaaacccg gctctggcac 360
tggagcagaa gcgggctgag gaggcggtgg cagcagtcac ggtggcctct tgcccaaatc 420
acccctcccg agtctccaca gctgacaaca tctatgtcaa ccacagcttt gaaggttcta 480
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gccagaggcc ctgtctaggc tctatggccc tgaaccaaaag ggttatgggg atcttccttg 600
tgactgcccc ttgacacacg cctcctcaa atcctagggg aggccattcc catgagactg 660
cctgtcactg gaggatggcc tgctcttgag gtatccaggc agcaccactg atggctcctc 720
tgctcccata gtgggtcccc agtttccaag tcacctaggc cttgggcagt gcctcctcct 780
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gccaacgctg tgggaggccg gtcggcagcc actccctcca gggcgacact gcaggctctg 1080
catccacggc cttttctggc aagagaaggg cccaggaagg atgctctcat aaggccagg 1140
aaggatgctc tcataagcac cttggtcatg gattagcccc tcttgaaaaa tgggtgttgg 1200
tttggtctcc agctccaata cttattaagg ctggtgtctg cagtcaaggc caccaggag 1260
tctgaaggct gggagctctt ggggctgggc tggctcctcc atcttcacct cgggcctgga 1320
tcccaggcct caaacagacc caaccgagc ttttgagacg ctctccagaa gcatgaactg 1380

```

```
cagtggagat gaagatcctg gctctgtgct gtgcacatag gtgtttaata aacatttggt 1440
ggcagaaaaa aaaaa 1455
```

```
<210> 4092
<211> 1784
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (274)...(840)
<223> similar to gi3875250 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 4092
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gctagctcag agcagcctgg gcagctaatc tccttcagtg agggcctgca gcacttccag 180
actgtggacc tttccccctt caagaaaaga atccagccaa ctattcgaag gactgggctc 240
gccgccctcc gacactacct cttcgggcct ccaaagctcc accagcgcct tcgggaagaa 300
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cgagtccctc agaccatcta taagaagctg accggctcca agtttgactg tgcccttcat 420
ggaaaccact gggaggacct gggctttcag ggagcgaatc cagccacaga cctgagaggc 480
gcaggcttcc ttgccctcct gcatctgctc tacctgggtg tggactcaaa gaccttgccg 540
atggcgcagg agattttccg cctgtctcgt caccacatcc agcaattccc tttctgttg 600
atgtccgtga acatcaccca cattgccatc caggccttga gagaggagtg tctctccaga 660
gagtgtaatc ggcagcagaa ggtcatcccc gtggtgaaca gcttctatgc cgccacattc 720
ctccacctcg cacatgtctg gaggacacag cggaagacca tctcagactc gggctttgtc 780
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ccttgctgtc tcagcagatg ggatatagga agctcctggg cttagctgtg ggaagccaag 1140
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cctccagagc aaggagaatt ctgccttaat ctgttgggct ccagtctccg ggttgaattc 1260
cagtgtatcc cactgggagt gaatggatca tgaggtggga tggcccatc tggatgttct 1320
gcagatcccc acatgggagg agattcccaa gtagaggcag ccagaattct gactccctgg 1380
cagcagcagg gctttcaggc accagtgtct gtgttgtag aactcagagg aagaggcagg 1440
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agggcaagga ggtacctcac aggtgggtgt gagggccctc ctggagtttc tggccattca 1560
cttaccact ctcttctccc cctgaccccc gctccattgt ttatgatgga aaaacggaca 1620
tttggttagg tgtctctcac ggctgtctca tcctagcccc cacaagctgg ggcttcctcc 1680
tgtagatgct gtgcatgccc catgatgagt ttctggccta attgagggaa ggaggaaatt 1740
cataccagca gttttcaaat aaaagaattg ttctaaaaaa aaaa 1784
```

<210> 4093  
 <211> 6723  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(3646)  
 <223> similar to gil63522 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4093

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attgtgagga	ctgaccctca	gggatttttc	ttttactgga	cagatcaaaa	caaggagaca	180
gagctactgg	atctcagcct	tgtcaaagat	gccagatgtg	ggagacacgc	caaagctccc	240
aaggacccca	aattacgtga	acttttggat	gtggggaaca	tcgggcgcct	ggagcagcgc	300
atgatcacag	tgggtgatgg	gcctgacctc	gtgaacatct	cccatttgaa	tctcgtggct	360
ttccaagaag	aagtggccaa	ggaatggaca	aatgaggttt	tcagtttggc	aacaaacctg	420
ctggcccaaa	acatgtccag	ggatgcattt	ctggaaaaag	cctatactaa	acttaagctg	480
caagtcactc	cagaaggggc	tattcctctc	aaaaacatat	atcgcttggt	ttcagcagat	540
cggaagcgag	ttgaaactgc	tttagaggct	tgtagtcttc	catcttcaag	gaatgattca	600
atacctcaag	aagatttcac	tccagaagtg	tacagagttt	tcctcaacaa	cctttgccct	660
cgacctgaaa	ttgataacat	cttttcagaa	tttggtgcaa	aaagcaaac	atatcttacc	720
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tacaaagacc	cacatgtaaa	tgataggtat	tatctccatg	tatatatgta	cccacttagt	4680
catgtaagtg	catatacaca	tacacacaca	tgagtgtaga	catgtgttta	ttaattgaca	4740
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agtctgacac	atttctattt	tattctaaca	taaaaaaact	tccattatat	atttactaag	5100
tatatTTaat	tcacttaact	ctgtctttat	aagttcctat	tttagatgga	ataagagaaa	5160
caaattatat	caaggtaaaa	ctgatcaaaa	gacataattg	aaagttctga	aaaaagaaaa	5220
ataataatat	gtagaaaaat	gtaacttaga	gagtaacaca	tgaacattga	agttaaaacc	5280
cagaagccag	atgctcacag	ttttatttta	ctttaaaata	aacctgtctg	actgtagctt	5340
tgcgaaatat	cttaaaaacgc	aaaaaccagt	tgtgtcctga	aaattgtttc	aagaatttaa	5400
tattttttatg	aaaattattt	tatttaactt	taagcaataa	ctagagatta	caattaaatt	5460
ttaatcaaaa	tgaaggctta	gttcaaacat	aaggaaacag	tgtttgatta	aaaaaaacac	5520
atctagtaag	acgtaagggg	aaaatcacat	cctcttttga	gatgattata	ttttgatctg	5580
aagggttttg	ggtgttcatt	agacacttaa	taaaacttaa	cttccaatga	aaaagaaatc	5640
ttttgtaaat	cattctactt	ttgcactttg	aaagaaaggc	gttaatcata	aagaagcaag	5700
aatggtcaaa	atcgaatgct	gcatttttat	aaacaaaatt	acagactgtc	tgaaattgaa	5760
gaagaatgaa	ctaataatag	cattcataac	caaacacaat	gatgattatt	gcagaacatt	5820
gtatcacatt	ttagtccaga	gatagaataa	agttgaataa	ccttgactta	cacaaaactg	5880
ttttggtagt	tggatttcat	tatcttagtg	aatttagtca	ttttacaata	tgtttgtatt	5940

tggccattta	ctgtaatcac	atTTTTatat	ctgtacaatg	acactTTTTg	cagttgtggg	6000
gtagtgtgta	acactgtcca	tcttgcatca	ttgaaactac	tacaatgata	ctatcattta	6060
ataatattaa	tattacttga	aatagactaa	gataaagaaa	aggggtctgt	atgatgtgca	6120
gttttgtgcc	tttatgtatt	tgccttgttc	tttgtcgaat	gtgtgaaatt	ctgtactggg	6180
gtttttccta	taatagaaag	tagagctgtg	tattaaatta	gactgtgtct	ctctgatacc	6240
tttacctac	tgagaatagc	atggTTTTgg	ccatgtaaac	caattttcaa	agttctaattg	6300
acatagccat	gtgtTTTTgg	TTTTTTatat	ttcattttta	aatttgagta	tcaccataca	6360
ttaattaata	ctcctgtagt	agataagctg	tcattaagta	attcccaaaa	aaagggccat	6420
ttgcttgcat	tactttgaat	ttaatgttgc	gcttgtgcac	tgtgttaata	ttgtttgtga	6480
tggtattggac	gttgtgactc	ttgcctttta	agaagaaaaa	aaagatagga	caaagtattt	6540
gaagctctta	aaatgtacat	atTTTggttc	ttctatctca	aattatttaa	aatgcataat	6600
tcacattttt	gtaataattc	tatgcaattt	tgtggcatga	tgtttcttcc	acttgaatt	6660
ttatgtgctt	tcatcacaaa	tccaaaggaa	agaataaaaa	tttcttaaca	caaccagcg	6720
ggt						6723

```

<210> 4094
<211> 1987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (83)...(1836)
<223> similar to gi4960047 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4094	
tttcgtggcc	gcgcgagcca ccacaggagg aggaggagga ggagcggacg tcggcttctc 60
cccgcgggag	ccccagcat gggaaattaa aagagagacg gaattcaagg atgacagttt 120
gcccatacaa	cgggaaaggc atgggaatgt agcaagtctt gtacaacgaa taagcaccta 180
tggacttcca	gctggaggaa ttcagccaca tccacaaacc aaaaacatta agaagaagac 240
caagaagcgt	cagtgtaaag ttctttttga gtacattcca caaaatgagg atgaactgga 300
gctgaaagtg	ggagatatta ttgatattaa tgaagaggta gaagaaggct ggtggagtgg 360
aaccctgaat	aacaagttgg gactgtttcc ctcaaatttt gtgaaagaat tagaggtaac 420
agatgatggt	gaaactcatg aagcccagga cgattcagaa actgttttgg ctgggcctac 480
ttcacctata	ccttctctgg gaaatgtgag tgaaactgca tctggatcag ttacacagcc 540
aaagaaaatt	cgaggaattg gattttggaga cattttttaa gaaggttctg tgaaacttcg 600
gacaagaaca	tccagtagtg aaacagaaga gaaaaaacca gaaaagccct taatcctaca 660
gtcactggga	ccaaaactc agagtgtgga gataacaaaa acagataccg aaggtaaaat 720
taaagctaaa	gaatattgta gaacattatt tgcctatgaa ggtactaatg aagatgaact 780
tactttttaa	gagggggaga taatccattt gataagtaag gagactggag aagctggctg 840
gtggaggggc	gaacttaatg gtaaagaagg agtatttcca gacaattttg ctgtccagat 900
aaatgaactt	gataaagact ttccaaaacc aaagaaacca ccacctcctg ctaaggctcc 960
agctccaaag	cctgaactga tagctgcaga gaagaaatat ttttctttaa agcctgaaga 1020
aaaggatgaa	aaatcaacac tggaacagaa accttctaaa ccagcagctc cacaagtccc 1080
acccaagaaa	cctactccac ctaccaaagc cagtaattta ttgagatctt ctggaacagt 1140
gtacccaaag	cgacctgaaa aaccagttcc tccaccacct cctatagcca agattaatgg 1200
ggaagtttct	agcatttcat caaaatttga aactgagcca gtatcaaaac taaagctaga 1260
ttctgaacag	ctgcccctta gaccaaaatc agtagacttt gattcactta cagtaaggac 1320
ctccaaagaa	acagatgttg taaattttga tgacatagct tcctcagaaa acttgcttca 1380

tctcactgca	aatagaccaa	agatgcctgg	aagaaggttg	ccgggccgtt	tcaatggtgg	1440
acattctcca	actcacagcc	ccgaaaaaat	cttgaagtta	ccaaaagaag	aagacagtgc	1500
caacctgaag	ccatctgaat	taaaaaaaga	tacatgctac	tctccaaagc	catctgtgta	1560
cctttcaaca	ccttccagtg	cttctaaagc	aaatacaact	gctttcctga	ctccattaga	1620
aatcaaagct	aaagtggaaa	cagatgatgt	gaaaaaaaat	tccctggatg	aacttagagc	1680
ccagattatt	gaattgttgt	gcattgtaga	agcactgaaa	aaggatcacg	ggaaagaact	1740
ggaaaaactg	cgaaaagatt	tggaagaaga	gaagacaatg	agaagtaatc	tagagatgga	1800
aatagagaag	ctgaaaaaag	ctgtcctgtc	ttcttgagtg	gtgtggacct	ggtgttcata	1860
atgttccagg	gattcagaag	caacgctatg	aacttcagct	gacttggtac	ttaaaaaatt	1920
gtgaattctg	ttgttgtgat	aaatatgagc	aatgaagtg	taatatctat	agaaaagtag	1980
agtgagg						1987

<210> 4095  
 <211> 1326  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (222)...(1071)  
 <223> similar to gi487785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4095						
cggtaccaca	gcaggaccca	gatggcagtg	gagccagttt	ctcatcttct	gccaggggca	60
cccagccgca	tggctacctg	gccaaagaag	tacacagccc	cagtgatcag	tgcccaccca	120
gagcaaagac	cccagagcct	ggagcccagc	agtctggctt	ccctacactc	tcgcgagacc	180
ctcctggccc	agcaggaagc	tccccaaagc	aggggcgacg	gtaccgggtg	ggagagtgtg	240
gcaaggcatt	cctacagctg	tgccacctaa	agaagcacgc	atgtgtgcac	acggggccaca	300
agccctttct	ttgcaactgag	tgtggcaaga	gctatagctc	agaggagagc	ttcaaagccc	360
atatgctggg	ccaccgtggg	gtgcggccct	tcccctgtcc	acaatgcgac	aaggcctatg	420
gcacccagcg	agacctcaaa	gagcaccagg	tggtagattc	aggtgcccgg	ccctttgctt	480
gtgaccagtg	tggcaaggcc	tttgcccgcc	ggccctccct	gcggctgcat	cgcaagaccc	540
accaggtgcc	agctgcccct	gccccttgcc	catgcccgtg	gtgtggggcg	cccctggcca	600
accagggctc	cctgcggaac	catatgaggc	tccatacagg	agaaaagcct	ttcctgtgcc	660
cgcactgtgg	ccgggcggtt	cgtcagcggg	gcaacctgcg	tgggcatttg	cggtccaca	720
ccggggagcg	tccttacgcg	tgccacactc	gtgccgatgc	cttccccag	ctgcctgaac	780
tgcggcgcca	tctcatctca	cacacccggg	aggcccactt	gtgcccgggt	tgtggcaagg	840
ccctccgaga	cccacacacg	ctccgagctc	acgagcgcc	gcactccgga	gagaggccct	900
ttccctgtcc	ccagtgtggc	cgtgcttaca	cgtggccac	caagctgcgg	cgccacctca	960
aatctcactt	ggaggacaag	ccctaccgct	gccccacctg	tggcatgggc	tacacctcc	1020
cgcagagcct	caggcgcat	cagctcagtc	accggcctga	ggcaccctgc	agcccacct	1080
ctgtgccttc	tgtgtcttct	gagccactg	tgggtgtcct	gcaggctgag	ccacaactgc	1140
tggacacaca	cagagaggag	gaagtctccc	ccgccaggga	tgttgttgag	gtcaccattt	1200
cagaaagcca	ggagaagtgc	tttgtgtgtc	cagaggagcc	agatgccgcc	cccagcctgg	1260
tgctaattcca	taaggacatg	ggcctcggcg	cctgggcaga	ggtgggtggag	gtggagatgg	1320
gcacct						1326

<210> 4096  
 <211> 1803  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1764)...(582)  
 <223> similar to gil652625 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4096

ttttttgccc	caagggggtt	taagtggggt	accccccggt	ttttccccgc	cccgcggtgt	60
taaaacgcgg	gcccgggaat	tgaatttggt	ggccccatta	aaaaaatttt	tccttgcccg	120
cccggggtag	gtaaactggg	tcccctaaaa	cgggcccccc	cttttttttt	tttttccaga	180
atgcctttat	tttcagtatc	atagaattta	aatacagagt	caaaagatga	tttataaaat	240
ataaaaacatt	ttctgcttgg	ccgtatttga	agacaagctg	aatacatatc	tatgttctga	300
ataagtccac	tatggatata	tataggaaga	gatatacata	tatccatcca	cagatacaca	360
cacacatata	tattttctgca	tgtatatata	cataattctt	tctatagtta	caggaaatac	420
ttctttctata	attctgattt	tgactcccat	cctccaccat	ttactcatcc	actcattacc	480
taaatcttgg	ctttctttcc	tatattgtaa	ataatccatc	caaacttcta	gccagtactg	540
tcaggagggt	tcttgctcga	gtgagctggt	aatactatct	tccactgaca	acttctgcac	600
atcgaggaca	cagtgtatct	gaagactccg	ctgtatactt	ccaacaacgg	gggcattttt	660
ctttcgtagt	cggcagtaca	attactttat	aggaagactc	ttcacgaata	tcaccacctt	720
ctaagttgat	taaagaatttc	cctttaagct	cgattacatc	tgcaagtcac	tctcgtgggt	780
cctgagccag	taaagttgac	tcagaagcca	tcattaattc	attcaactga	gaggtgctgg	840
aagtctcttc	agactgcagc	atctctatta	tctcaaaaag	cagtccaggt	tctatcacag	900
tgataacctt	gtactcagct	gcatttttgc	cagggatgct	tccaagaaat	gagtctcgca	960
ttgcacacgc	actctccaca	gcttcttcca	acccgggctt	tttccagata	gaactagtac	1020
taatccaccc	agtacggaaa	acactcttgg	gctctttaat	ataaggatat	tgctggaaca	1080
cctcttcagc	caggtgagga	agaatgggag	caaaagaacg	aactattaca	tccaaaattt	1140
caactaatgc	agtctgacaa	gagcgtcggt	tggggtcatt	ttccttttca	caatagagcc	1200
tatctttgat	tatactgaaa	taaaagttag	agagctctct	ggtataaaac	gtccgtaaca	1260
gccgaacaac	ttttccaaaa	tcatattggt	tgtataattc	ggtaatcttg	tttgccaaat	1320
cctgcagtaa	gtgtagcatg	tactgggtcta	tgacatacat	atcgtttaca	gggatggaat	1380
ctgtttctgg	gttgaaatca	gccacatttc	ccaaaagaaa	gcgaagtgtg	ttcctaagct	1440
tgctaataatc	atctctggca	gcattgagca	cggatggggc	aattgcaact	tcggtgaaga	1500
cattggaatc	agctaccac	cagcgaagga	catcagcacc	atacggaggc	tctttgcttt	1560
gatcttgtcc	tccattaacg	acaacatcag	gatgaatgac	attcccaaga	gacttggaaca	1620
tcttttctcc	cttttctcca	agggtaaatc	catgaacaat	caactgtctta	taaggtgctc	1680
tcttccttgc	tgccacactt	gttaataaag	atgactgaaa	ccaacccccg	agctgggtctt	1740
ttccttccaa	gtacaaatct	gctctttggt	caggacctgg	aagaacataa	gaccatgaag	1800
ttc						1803

<210> 4097  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens



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<220>
<221> misc_feature
<222> (1)...(786)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (748)...(176)
<223> similar to gi606661 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4097
tttttttttt ttaatttgca aaaaaaatct tttattggca tgaaaataat gttgtaaatg      60
gcaccaaata ttccacttaa atgcatatac agtattagag tcaaaaacta ttttatccct      120
ctttgctgtt tttccccctt ctgcccactt tcctgggtgt tggggggggc cgctgacaac      180
agtcacaaat ccagcgacct gatggaatag caccaaggcc cacacaaaaa gtatgataac      240
ctctgtcaca catatcacag aacatcattt cttcttcatg gtgggggttg ccacatataa      300
tgcatgtttt acattccata cactgccatg ggtaggtctt aatcatagaa acaagctcca      360
ttgtcatatc caggcaagaa ggatggccac tattctcaca ttgggagcag tgtataagtg      420
attcagcctt tcctttcttg ttggactcct tacccttcag acaaattcca catatagcat      480
ttggaatgac ctttggtctg taccaggaag ctgacttgga cagtacagaa cgtttgggac      540
catcttttct tggagtggca gctttgtctt ttgatttctg tcttccctgg aaagagtcct      600
cctggctgtc aggagggcct tccccttcag atacattgcc agaggagctg tccgaagtgc      660
ctttattttt ccgtttctca tcacctcgac catcttcgcc atcatctgaa tcaccatcac      720
tgtctagagc agggagctca ggatccctcg tgccgaattc gtgcagcgca atcgagggnt      780
cgcggt                                           785

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```

<210> 4098
<211> 2035
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (153)...(832)
<223> similar to gi929571 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4098
cggcaccgat ccgcaattcc cggatcgacg atttcgtgcg cagagtggag tcaaaggcaa      60
ccagtgtctg ctgcggtctc tggggatcgg gaccgcggcg gcggcccgcg agcgggatgt      120
tccggggctt gagcagttgg ttgggcttgc agcagccggt ggcaggcggt gggcagccca      180
atggagatgc tccacccgag cagccgtccg agacggtggc tgagtctgcg gaggaggagc      240
tgcagcaagc gggagaccag gagctcctcc accaggccaa agacttcggc aactatttat      300
ttaactttgc atctgtgcc acaaaaaaga taactgaatc agttgctgaa acagcacaaa      360
caataaagaa atccgtagaa gaaggaaaaa tagatggcat cattgacaag acaattatag      420

```

gagatttttca	gaaggaacag	aaaaaatttg	ttgaagagca	acatacaaaag	aagtcagaag	480
cagctgtgcc	cccatgggtt	gacactaacg	atgaagaaac	aattcaacaa	caaatttttg	540
ccttatcagc	tgacaagagg	aatttccttc	gtgaccctcc	ggctggcgtg	caattttaatt	600
tcgactttga	tcagatgtac	cccgtggccc	tggtcatgct	ccaggaggat	gagctgctaa	660
gcaagatgag	atttgcccctc	gttcctaaac	ttgtgaagga	agaagtgttc	tggaggaaact	720
acttttaccg	cgtctccctg	attaagcagt	cagcccagct	cacggccctg	gctgcccac	780
agcaggccgc	agggaaaggag	gagaagagca	atggcagaga	gcaagatttg	ccgctggcag	840
aggcagtacg	gccccaaaacg	ccacccggtt	taatcaaadc	tcagcttaaa	actcaagagg	900
atgaggaaga	aattttctact	agcccagggtg	tttctgagtt	tgtcagtgat	gccttcgatg	960
cctgtaacct	aaatcaggaa	gatctaagga	aagaaatgga	gcaactagt	cttgacaaaa	1020
agcaagagga	gacagccgta	ctggaagagg	attctgcaga	ttgggaaaaa	gaactgcagc	1080
aggaacttca	agaatatgaa	gtggtgacag	aatctgaaaa	acgagatgaa	aactgggata	1140
aggaaaataga	gaaaatgctt	caagaggaaa	attagctgtt	cctgaaaatag	aagaataatc	1200
cttaacagtc	tgcaaaactga	cattaaattc	tagatgttga	caattactga	atcagaaggc	1260
atgaaagagt	ataatttttat	gaaattcaaa	attattcttt	tttcaagttg	aaacttgcct	1320
cttctacttt	aaaaaaagtat	atagaacagt	tactttcta	aatcagaaaag	agatgtttta	1380
tagaacattt	ctttaatatata	aagttagaga	tgtcttcata	ggcagtatgg	ctatctttgc	1440
cacagaaaca	taagtaaaat	tttagagttc	tgttttccat	gaggtcaaaa	atataattta	1500
ttcctcagtc	atgggttttct	aaatatctgt	actccacatt	ccattttta	tgatatgagg	1560
gtgttaaagt	acctacttaa	tggggttgat	tactacaaaa	atgaccaa	tataccaaag	1620
aacttaagag	gaagcacttt	cagaactatt	cacttgccag	gtattttcta	aaattccacc	1680
tgaaagccaa	aagataaaa	aaataagttg	attttaatga	tataagcatc	acacaatttt	1740
acattaagaa	atactgtgca	ggccatgcgt	ggtggctcag	gctgtgatc	ccagcacttt	1800
gggaggccga	ggtgggcgga	tcaccggagg	tcaggagttc	gagaccagcc	ttgccaacat	1860
ggtgaaaacc	tgtctctact	gaaaatacaa	aagtggccg	ggcatggtgg	cgggcacctg	1920
tgatcccagc	tactaggagg	gcttttgaac	gccaggaggc	ggagggttgcg	gcgagctggg	1980
atcgcgccac	tgcactccag	cctgggtgat	agagtgcgat	tcagtctcaa	aaaaa	2035

<210> 4099

<211> 1348

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (235)...(818)

<223> similar to gi3925215 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4099

tttcgttccg	gttgtctgga	gcccagcggc	gggtgtgaga	gtccgtaagg	agcagcttcc	60
aggatcctga	gatccggagc	agccgggggtc	ggagcggtc	ctcaagagtt	actgatctat	120
gaaatggcag	agaatggaaa	aaattgtgac	cagagacgtg	tagcaatgaa	caaggaacat	180
cataatggaa	atttcacaga	cccctcttca	gtgaatgaaa	agaagaggag	ggagcgggaa	240
gaaaggcaga	atattgtcct	gtggagacag	ccgctcatta	ccttgagta	tttttctctg	300
gaaatccttg	taatcttgaa	ggaatggacc	tcaaaattat	ggcatcgta	aagcattgtg	360
gtgtcttttt	tactgtgct	tgtgtgctt	atagctacgt	attatgttga	aggagtgc	420
caacagtatg	tgcaacgtat	agagaaacag	tttcttttgt	atgcctactg	gataggctta	480
ggaattttgt	cttctgttgg	gcttggaaaca	gggtgcaca	cctttctgct	ttatctgggt	540
ccacatatag	cctcagttac	attagctgct	tatgaatgca	attcagttaa	ttttcccgaa	600

ccaccctatc	ctgatcagat	tatttgtcca	gatgaagagg	gcactgaagg	aaccatttct	660
ttgtggagta	tcattctcaa	agttaggatt	gaagcctgca	tgtgggggtat	cggtacagca	720
atcgagagc	tgcctccata	tttcatggcc	agagcagctc	gcctctcagg	tgctgaacca	780
gatgatgaag	agtatcagga	atttgaagag	atgctggaac	atgcagagtc	tgcaaaaaa	840
tcataactg	ttgcctgctg	cagtggctca	cgctgtaat	cccagcactt	tgggaggcca	900
gggtgggtgg	atcgcttgag	gtcgggagtt	cgggaccggc	ccggctaatt	ttttgtat	960
tcagtagaaa	tgggatttca	tcattgttggc	caggctggtc	ttgatctcct	gacctcagat	1020
gatccgcccc	cctccgcctc	ccaaagtgtc	gggattacag	gcgtgagcca	ctgcaccccg	1080
cctcaagata	tatttttagag	gtagaattga	caaggcttga	caacagatta	aatgaggagg	1140
atgaaggaga	gggaggagtc	cgggatgacc	ctcccat	tggcttcagc	agttgggcag	1200
atgatactgt	cattcactaa	gactggaaac	acctgaggat	agacaagtct	cagtgaagaa	1260
tggtgattcc	actttgggac	ccacttgagt	ttgagatgcc	ccgagaacct	caagcagaca	1320
cgcttggcag	gcaacacaga	tcgtcacc				1348

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<210> 4100
<211> 3285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1795)
<223> similar to gi4558756 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4100						
atggcatttc	aggcaagcca	caggccagcc	tggggaaaaa	gcaggaagaa	aaactggcaa	60
tacgagggcc	caacccaaaa	gttattcctg	aagagaaaca	acgtgtcagc	accagatggg	120
ccttcagacc	ccagcatctc	cgcgagcagt	gagcaaagcg	gggcacagca	gcctcccggg	180
ttacagggtg	aaaggattgt	tgacaaaagg	aaaaataaaa	aagggaagac	agagtatttg	240
gttcgggtga	aaggctatga	cagcgaggac	gacacttggg	agccggaaca	gcacctcgtg	300
aactgtgagg	aatacatcca	cgacttcaac	agacgccaca	cggagaagca	gaaggagagc	360
acattgacca	gaacaaacag	gacctctccc	aacaatgcta	ggaacaaat	ctccagatcc	420
accaacagca	acttttctaa	gacctctcct	aaggcactcg	tgattgggaa	agaccacgaa	480
tccaaaaaca	gccagctgtt	tgctgccagc	cagaagttca	ggaagaacac	agctccatct	540
ctctccagcc	ggaagaacat	ggacctagcg	aagtcaggta	tcaagatcct	cgtgcctaaa	600
agccccgtta	agagcaggac	cgcagtggac	ggctttcaga	gcgagagccc	tgagaaactg	660
gaccccgctc	agcaggggtc	ggaggacaca	gtggcaccgc	aagtggcagc	ggaaaagccg	720
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tcctcagaga	ataactcact	aaatccagag	gtaatgagag	aagtccagag	tgctctgagc	1140
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attattgtag	cagtcaatgg	cccagccatt	ggctcaggag	catctatatt	gcctctttgc	1380
gatgtggttt	gggctaata	aaaggcttgg	tttcaaacac	cctataccac	cttcggacag	1440

```

agtccagatg gctgttctac cgttatgttt cccaagataa tgggaggagc atctgcaaac 1500
gagatgctgc tcagtggacg gaagctgaca gcgcaggagg cgtgtggcaa gggcctggtc 1560
tcccagggtgt tttggcccgg gacgttcact caggaagtga tggttcgcat taaggagctt 1620
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atggagctgg agcaggccaa cgagagggag tgtgaggtgc tgaagaaaat ctggggctcg 1740
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tcgggctgcc cactggtgac accgggatcg ggctgagcag gagaacatca ccggctccag 1860
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ggactgggaa catccacgct atttattatc gaggagtttt aaagtactgt aactttaaaa 1980
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aatcactgaa tagcttaagt atgactatct aagttataag ttagtcttta gtgggtttta 2580
aatagttttt ctgacccttc tgaaaaataa ctacataagt gcttcttggt gctgggtgag 2640
aaatactact ttatagacag ttttgggttt ctgtttgacg gtatggattg atgtatttca 2700
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tctgccttta tcttgattg attggtacag tatttttgca tctgtgggac ctaccttttc 3180
gttcagtagt ttgaactata tataaactgt acaatcctgt aaaagttttt atagaataaa 3240
tattcagctg tgaaaactgg ttaaataaaa ctaatatttc ttaac 3285

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<210> 4101

<211> 2982

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1263)

<223> similar to gi961446 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4101

```

tggagatttc catcatggcg gcgtccattt cgggctacac cttcagtgt gtgtgtttcc 60
acagcgccaa cagcaacgcg gaccacgaag gatttttact gggagaggta agacaagagg 120
aaacgttttag catcagtgc tcacaaatca gcaacacaga atttctgcaa gtaattgaaa 180
tccataacca tcagccttgt tcaaaacttt ttagttttta tgactacgca agcaaagtga 240
atgaggagag tttggacagg attcttaaag atcggagaaa gaaagtcatt ggggtgtaca 300
gattccggcg caatacgag cagcagatgt cctacagaga gcaggttctt cacaagcagc 360

```

tcacccgcat	cctcggcggtg	cccgacctcg	tcttttcttct	cttcagcttc	atctccaactg	420
ccaacaattc	cactcacgct	ttagaatatg	tgctcttcag	accaaataga	aggtataatc	480
agaggatata	actcgctatt	cccaatctag	gaaatactag	ccagcaagag	tacaaagtgt	540
cttcagtgcc	aaatacttct	cagagttatg	ccaaagtgat	taaagaacat	ggtactgact	600
tttttgacaa	ggatggagta	atgaaagaca	tcagggcgat	ttatcagggt	tataatgcac	660
ttcaggagaa	agttcaggca	gtgtgtgcag	atggtgaaaa	gagtgagcga	gttggtgaat	720
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accagcggtt	cagtcctcgg	atgccgtcct	ctgggtttgc	agctgaaggc	agaagtacac	900
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aagaaaagtac	tttgagccac	tctcgcagtg	aaaggagtg	ctttatgcct	cgacctcaag	1020
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ctgaccttcc	tctcccccaa	agagcagctg	gagacagtg	tgaggattca	gacgacagt	1140
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gagtccttgt	gcacagaact	tgtgggagcc	tccatccgct	gctctttacc	tttgataca	1440
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tttaaaataa	attggaaatt	agagacctaa	gcacaattag	tctataaat	ggttcctata	1620
aatcaaaagc	ttacctctt	gcactatcat	gccttgaaat	ttactttttc	aaagggaac	1680
aagtttagca	gcagccttca	aagaacttct	ttctatgatg	agcccaaatt	catctttgcc	1740
agaaaagaaa	ttttgataat	tccaagaagc	ctgattagaa	caaatacag	ataccttctc	1800
ttgtctgcat	gactttgtga	gataaaagag	agggcttcca	acttttttct	actagcttga	1860
tatgtattat	cacttaaaat	ggttgccttt	aaaaaaaaa	agtagagata	ctaattacca	1920
gtaagtaatc	atccaaataa	atacgtcata	aaataaatta	attatttttt	ctttgatgga	1980
ttacagtga	tactgtgttg	cactggcaca	tttatggtct	ctgttctgga	atcttggagg	2040
acacacagca	gtggagaaca	gaaggagtga	gttttataat	gaacagattc	cagacacggt	2100
aggtttagct	gagttcatac	agaggagata	taactcattt	agatcttctg	acaaatccta	2160
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ggaataattg	cagtattgtg	agagactctc	ttgggatgca	cttatatttt	tatttaatga	2340
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aatacttgga	gttttaactgc	cttccctttg	aactagttaa	aatctgtaag	aataagggaag	2520
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tactcactga	gctccagttc	caatactaaa	ttagacagta	tcatatagac	ggaaaatgaa	2640
atgctagaac	tgccgttctt	tggatcgcca	ctctatgggg	gtctgtcttt	taactactct	2700
cctggttatg	ttggccttac	accactgcca	tttgatttaa	aacgctgcag	acactttatc	2760
tgcaaatgtg	ttccagttgt	tatcagctac	ctactacgca	gcttcagcgc	cagtgtgaat	2820
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tatttttatt	ttgatgccat	actgaaatct	acaatgtata	tctgacaaag	cagttaaatg	2940
tgacaataaa	aaacttattt	aatcatggta	aaaaaaaaa	aa		2982

<210> 4102  
 <211> 1479  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1480)

<223> similar to gi4894560 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4102

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ctccgggccg	tgtttggggt	tgttgtggat	gaggccattc	agaaaggaac	cagtgtctcc	120
cagaaggtct	gtgagtggaa	ggagcctgag	gagctgaagc	agctgctgga	tttggagctg	180
cggagccagg	gcgagtcaca	gaagcagatc	ctggagcggg	gtcgggctgt	gattcgctac	240
agtgtcaaga	ctggtcaccc	tcggttcttc	aaccagctct	tctctggggt	ggatcccat	300
gctctggccg	ggcgattat	cactgagagc	ctcaacacca	gccagtacac	atatgaaatc	360
gcccccggtg	ttgtgctcat	ggaagaggag	gtgctgagga	aactgcgggc	cctggtgggc	420
tggagctctg	gggacggaat	cttctgccct	ggtggctcca	tctccaacat	gtatgctgta	480
aatctggccc	gctatcagcg	ctaccgggat	tgcaagcaga	ggggcctccg	cacactgccg	540
cccctggccc	tattcacatc	gaaggagtgt	cactactcca	tccagaaggg	agctgcgttt	600
ctgggacttg	gcaccgacag	tgtccgagtg	gtcaaggctg	atgagagagg	gaaaatggtc	660
cccgaggatc	tggagaggca	gatttggtatg	gccgaggctg	aggggtgctgt	gccgttctcg	720
gtcagtgcc	cctctggcac	cactgtgcta	ggggcctttg	acccctgga	ggcaattgct	780
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ctgctgtcac	agacacacag	gcatctcctg	gatgggatcc	agagggtga	ctctgtggcc	900
tggaatcccc	acaagctcct	cgcagcaggc	ctgcaatgct	ctgcacttct	tctccaggat	960
acctcgaacc	tgtcaagcg	ctgccatggg	tcccaggcca	gctacctttt	ccagcaggac	1020
aagttctacg	atgtggctct	ggacacggga	gacaagggtg	tgagtgtgg	ccgccgtgtg	1080
gactgtctga	agctgtggct	catgtggaag	gcacagggcg	atcaagggt	ggagcggcgc	1140
atcgaccagg	cctttgtcct	tgcccggtag	ctggtggagg	aaatgaagaa	gcgggaaggg	1200
tttgagctag	tcatggagcc	tgagtttgtc	aatgtgtgtt	tctggttcgt	accccccagc	1260
ctgcgaggga	agcaggagag	tccagattac	cacgaaaggc	tgtcaaagg	ggcccccg	1320
ctcaaggagc	gcatggtgaa	ggagggctcc	atgatgattg	gctaccagcc	ccacgggacc	1380
cggggcaact	tcttcctgtg	ggttggtggc	aactctgcac	tgacctgtgc	tgatatggac	1440
ttcctcctca	acgagctgga	gcggctaggc	caggacctg			1479

<210> 4103

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(367)

<223> similar to gi3559998 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4103

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tattcccatc	ggagcttatg	aaccgaggtg	gtttatgaaa	taccagcatg	tagaccaga	180
agaagctgta	aggattcaca	ctgatgtcca	aacaaagaaa	tctatggcaa	ttcactgggg	240
aacttttgcc	ttagcaaatg	agcattactt	agagcctcca	gtgaagctga	atgaagctct	300

004973.03460

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agagagatac ggacttaacg ctgaagattt ttttgtcttg aagcatggag aatcaagata 360
cctaaataat aatgatgaaa acttttaata aatgtgagca caggcacttt taatgaaaaa 420
ggcatcatct aagtttataa acaaatgaaa agacttagaa attcatgaat attgtgatta 480
ttttacattt ggaaacaaact tctgcaagtt tatgttttat gttttgtgta ataacttgct 540
tctagtatg atcagctcat gtacactatg agaggggttca ggggtgggtc atttaaataa 600
tgaattggct aatgtggatt ttaaatttca tatcatgata taagcactgc aatggaaatg 660
tttttactaa aacattatat ttttgtggta ctagaatttc ctgaggtgaa aaaccgatat 720
tgaagattca tttttctttt ttccattctt caggaccttc ggcaagggtga gtcaagggtc 780
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taggggctat cattttttaa gacttgattt tctctattgt ggtaaaatat ataaatacat 1020
atgtgccatt ttaaacattt accattttta ccatttttaa gtgtacagtt ctttcgcatt 1080
aatgcaccca tgaccaccat tcaacttaaat ttttaaaaga acagtatatt ctttttttcc 1140
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cctcttactt tgggaggcca aggtgggggg gtcacttgaa cccaggagtt tgacatcaac 1260
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ggcgacaaaa tgagaccctg tctcaaaaga aagccctctc cttagctgag cagaggaagg 1500
gaaggagtggt ggctatgaga atatgattta tgccattttc tgttttttaa tctagaagat 1560
cttctaagca caaatacacg tacaatgaaa tatttttacag accc 1604

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<210> 4104
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (120)...(521)
<223> similar to gi5679551 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4104
agagtgttgc ttcgggcact agcccagggg acatttgggc acccatagac ctaggcagga 60
aagagcctta tgggctttca ggactgaaaa gagcttctgc ttcttctctc agatccatct 120
ctgcagctga aggaaacaag agctacagtg gatctattca aagcttaact tctgtaggtt 180
ccaaggagac acccaaagct tcaccaaacc cagacctgcc tccgaaaatg tgcaggagat 240
taagactaga cactgcctca agcaatggct atcagcggcc tggctcagta gtggcagcaa 300
aagctcaact gtttgaaaaat gttggttcac ctaaaccagt ttcttctggg cgccaagcca 360
aagccatgta ctctgtaaa gcagagcaca gtcattgagct ttcttccca caaggagcaa 420
tattttctaa tgtgtaccca tcagtggaac caggatggtt aaaggcaact tatgaaggca 480
aaacaggact agttccagaa aattatgttg gcttcctcta atactattta gtggatggca 540
gtatcttcat g 551

```

[illegible]

```
<210> 4106
<211> 1897
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1100)
<223> similar to gi4539520 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

2832



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gccactatgt ctacccttag gagtacagta ggtgtggcag tactaagtgg aaaactttat 720
gcagttgggtg gtcgtgatgg aagttcttgt ctcaaatacag tagaatgttt tgatccctcat 780
actaataagt ggacactgtg tgcacagatg tcaaaaagga gaggtggcgt aggagtgcg 840
acctggaatg gactgctgta tgctataggg gggcacgatg ctcccgcatc caacttgact 900
tccagactct cagactgtgt ggaaagatat gatcccaaaa cagacatgtg gactgcagta 960
gcatccatga gcatcagcag agatgcagtg ggggtctgtt tacttgggtga taagttatat 1020
gctgttgggg ggtatgatgg acaggcatac cttaatactg tggaggctta tgatccccag 1080
acaaatgagt ggacccaggt atggcattca tgtttcatta ttacactgac tctcttttta 1140
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gcataaatat gacaatcacg ttttgattag cgatgagaaa aagaggcaat gtttaatttt 1260
ataacataat taaaatccag aattaccttt gagatgtaag ttaatactca gagaaattat 1320
taattatctg ctaccacttg catgatgaag tgttctagcc tgattaaagc tgataggact 1380
actggagggg tgcaacaatg ggaggggaga ctggaaaata aagacaagga tagtagtcag 1440
aaaactttga acaacttgcc caccggcgga cagtaggcat tttaaattac tcaaccatt 1500
tggttttggg gagccgattt aaaggccggg aaacctaatg gaaaatggca acccctaact 1560
tcacctgcc cccccccccc gccccccggc ccttcttact accggcaacg caatttacct 1620
ccttgccgac tcttttggca agggcctgac cccctcccta aatccccccc cctctagaca 1680
tctctctgct ttccttcacc cccccacac ccgcgcccc gggaactctg gccttggggg 1740
ccccccatt ccacctctct ctgggcccta cgaaaaactt cacaagggtc taacttggag 1800
cccagagatt ctcttcggg tctccgggg ggacctctgg taaactttgg ggcaacgaaa 1860
aacaccaagc ttcttctggg cccgcacct gccgcct 1897

```

<210> 4107

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(86)

<223> similar to gi4995271 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4107

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ggttacttgg ctggtttcct ggacagagaa catccaaggt tccattaaat acatcatgct 60
taaccctagt tcacgaatca aggtaagggg atagttgaga gctgcactgg ttcattggtgc 120
tgataacctt tttttgttga aatgtaacgt tctogtctct tagaatcact ttgacaaatt 180
aaaaatcctc cccattgaaa gaaggcaagt actttcatag ttagcattat ggtgatcttc 240
ctacagtgcc tccatttttt tggtcacatt gtaatcttat ttattaattc acaaattatt 300
actgaaatcc caaatgtgcc ccacacagta tacatttgat gctaggaatt atgttggtaa 360
acaagataga cgtaggcctt gccttcatat tgcttaacgt ccagtgggtc gaatgtgttg 420
aagtat 426

```

<210> 4108

<211> 2179

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1613)...(1363)

<223> similar to gil877279 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4108

tttttttttt	ttgcctccga	gatgtgttta	cttattcttc	tgtgtcccca	aaacccttt	60
ccaaaataac	atttaaata	ttgttctgtg	ctgtgtgttc	aatggagat	aatcagatgc	120
cagtggcttt	acaatgtggg	ttgcattcca	ttttcccagg	cgcccaggtc	ctgggtctct	180
aggccaccgc	ccgccgtggc	cgcccctctg	ctcaccaggg	aggccagaca	ggaaccctgc	240
agctgccaga	gcaagcacgt	cccacagcct	tgggaggcct	cccaaatgt	gtccagattc	300
ccacaggcag	agagagagg	actgaaaggc	tgaagtgaag	tgaccgtgcc	tgccagcct	360
gggactgaga	gcctgaagac	cagctttcca	gactctgtcc	cagaaccccc	ttggccctca	420
gcaaatcccc	tcctcctggc	ctgaaacaga	ctccaggctt	cttgacagaga	cgtcttctgt	480
ggagaaccag	aaagattgag	tccaccctga	ctgtcccggg	acagagctgc	tgagcagggt	540
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ctgcaagggg	gattttaaat	tctgaaagtc	acaaggcatc	agaaaagggtt	ctaaagtatt	2160
cctttttttt	tcttggtttt					2179

<210> 4109

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (146)...(570)

<223> similar to gi4455361 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4109

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ggagacaggg	aatcttttaa	ctgagccagt	cggctacttg	gaatcttggt	tctcggccaa	180
gaatggtagt	ccaagacagc	catccatttg	tagctattct	cgagcctggt	tgaggattag	240
aaagaggatc	tttaataatc	ctgaacattc	cttgatgggc	ctagaacagt	tttctcatgt	300
ttggattttg	tttgtttttc	acaaaaatgg	tcatttgagc	tgtaaggcaa	aagtgcagcc	360
tcctaggctg	aatggtgcaa	agactggagt	tttttccaca	aggagccctc	atcgccccaa	420
tgcaatagga	ctgaccctgg	ccaagctgga	aaaggtagaa	ggtggagcta	tatacctttc	480
tggaattgac	atgatacatg	gcacacccgt	actagacatc	aagccctaca	tagctgagta	540
tgactcaccg	caaaatgtga	tggagccttt	agcagacttt	aatttacaga	ataaccaaca	600
tacaccaaac	actgtgtccc	agtctgacag	caagactgac	agctgtgacc	agcgacagct	660
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tcattgccgag	atggaccttg	ggcagctcag	ttcacaagat	gttggtcagg	cgtcatttaa	1140
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tcggtctgtg	taccgccgga	agctttgcca	ggaccgcctt	ttctacttta	ctgtagacat	1260
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gatgctgtct	cgataatttc	tgaagaagc	tgttcttggt	gcacttgata	aaattagaca	1680
aagttcattc	cagcagagac	tttctagttg	aggggatcta	ttcagtaatt	catattgggt	1740
ttcctgtctg	tctggaaaag	cctgaccttt	ctatttgatt	ccaaatcaaa	cctatatcag	1800
gaagctagcg						1810

<210> 4110

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (137)...(209)

<223> similar to gi28872 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4110  
cgtgcaggga gggtttggac ccacacgggg gaaatgccct ggcatctggg aggtggggct 60  
gcttctggcc ccagcagtcc tcccttcaag cagaggccag ggccaggctg agctgacaag 120  
cttctactct ccttgacagca tgaacgtgca ggggtgattat gagccaactg atgccaccgg 180  
gttcatcaac atcaattccc tcaggtgaga agctcagggc cctgacgggc cttcagagcc 240  
tccaggtgta aagggtaggc tttgaaagcc cccaggtgta aagggtaggc tttgaatccg 300  
accttgactg gtgccctgcc c 321

<210> 4111  
<211> 2687  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (12)...(2024)  
<223> similar to gi557725 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4111  
cggcacgagc cggatatgtg ctgaatggca ctgagaggag aacatgccag gatgacaaaa 60  
actgggatga ggatgagccc atttgcattc ctgtggactg cagttcacc cagttctcag 120  
ccaatggcca ggtgagagga gacgagtaca cattccaaaa agagattgaa tacacttgca 180  
atgaagggtt cttgcttgag ggagccagga gtccgggtttg tcttgccaat ggaagttgga 240  
gtggagccac tcccgaactgt gtgcctgtca gatgtgccac cccgccacaa ctggccaatg 300  
gggtgacgga aggcctggac tatggcttca tgaaggaagt aacattccac tgtcatgagg 360  
gctacatctt gcacggtgct ccaaaactca cctgtcagtc agatggcaac tgggatgcag 420  
agattcctct ctgtaaacca gtcaactgtg gacctcctga agatcttgcc catggtttcc 480  
ctaattggtt ttcctttatt catggggggc atatacagta tcagtgtctt cctggttata 540  
agtcctatgg aaattcatca agaagggtgcc tcttcaatgg ctccctggagt ggcagctcac 600  
cttcctgcct gccttgca gaattccacac cagtaattga atatggaact gtcaatggga 660  
cagatcttga ctgtggaaag gcagcccga ttcagtgtct caaaggcttc aagctcctag 720  
gactttctga aatcacctgt gaagccgatg gccagtggag ctctgggttc cccactgtg 780  
aacacacttc ttgtggttct cttccaatga taccaaatgc gttcatcagt gagaccagct 840  
cttggaaagga aaatgtgata acttacagct gcaggtctgg atatgtcata caaggcagtt 900  
cagatctgat ttgtacagag aaaggggtat ggagccagcc ttatccagtc tgtgagccct 960  
tgtcctgtgg gtccccaccg tctgtcgcca atgcagtggc aactggagag gcacacacct 1020  
atgaaagtga agtgaaactc agatgtctgg aagggttatac gatggataca gatacagata 1080  
cattcacctg tcagaaagat ggtcgctggg tccctgagag aatctcctgc agtcctaaaa 1140  
aatgtcctct cccgaaaaac ataacacata tacttggttca tggggacgat ttcagtgtga 1200  
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cttgtgggaa acctgaaagt ccagaacatg gatttgtggt tggcagtaaa tacacctttg 1380  
aaagcacaat tatttatcag tgtgagcctg gctatgaact agaggggaac aggggaacgtg 1440  
tctgccagga gaacagacag tggagtggag ggggtggcaat atgcaaagag accaggtgtg 1500



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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1443)
<223> similar to gi4826465 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 4113
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caaacatata agaactcagg aagtgcata tcccatctgt gccttctggg atctgaacaa      120
aaacaaaagt tttggaggat ggaacacgtc aggatgtgtt gcacacagag attcagatgc      180
aagtgagaca gtctgcctgt gtaaccactt cacacacttt ggagttctga tggaccttcc      240
aagaagtgcc tcacagttag atgcaagaaa cactaaagtc ctcaactttca tcagctatat      300
tgggtgtgga atatctgcta ttttttcagc agcaactctc ctgacatatg ttgcttttga      360
gaaattgcga agggattatc cctccaaaat cttgatgaac ctgagcacag ccctgctgtt      420
cctgaatctc ctcttcctcc tagatggctg gatcacctcc ttcaatgtgg atggactttg      480
cattgctgtt gcagtcctgt tgcatttctt ccttctggca acctttacct ggatggggct      540
agaagcaatt cacatgtaca ttgctctagt taaagtattt aacacttaca ttgcgcgata      600
cattctaaaa ttctgcatca ttggctgggg tttgcctgcc ttagtggtgt cagttgttct      660
agcgagcaga aacaacaatg aagtctatgg aaaagaaagt tatgggaaag aaaaagggtga      720
tgaattctgt tggattcaag atccagtcac attttatgtg acctgtgctg ggatattttg      780
agtcattgtt tttctgaaca ttgccatgtt cattgtggta atgggtgcaga tctgtggggag      840
gaatggcaag agaagcaacc ggaccctgag agaagaagtg ttaaggaacc tgcgcagtg      900
ggttagcttg acctttctgt tgggcatgac atgggggttt gcattctttg cctgggggacc      960
cttaaatata cccttcattg acctcttctc catcttcaat tcattacaag gcttattttat     1020
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ctgtggtaga tttcgggttag cagataactc agattggagt aagacagcta ccaatatcat     1140
caagaaaagt tctgataatc taggaaaatc tttgtcttca agctccattg gttccaactc     1200
aacctatctt acatccaaat ctaaatccag ctctaccacc tatttcaaaa ggaatagcca     1260
cacagacagt gcttccatgg acaagtcctt gtcaaaactg gcccatgctg atggagatca     1320
aacatcaatc atccctgtcc atcaggtcat tgataaggtc aagggttatt gcaatgctca     1380
ttcagacaac ttctataaaa atattatcat gtcagacacc ttcagccaca gcacaaagtt     1440
ttaatgtctt taagaaaaag aaatcaatct gccagaaatg tgaagatttg caagcagtg      1500
aaactgcaac tagtgatgta aatgtgctat tacctaggta actgcatata tataaggaat     1560
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agtaccatat tctcattttc aatgacattt caaccacagg cagaaaagac tgtttactcc     1980
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aacatgctta agggaaactt tccccaaaat gttggaccct ggggttaaat agggctattt     2100
taaatttgct aattatttta ctattctat tcaaggcata gggccaaagc attaatgata     2160
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ggaatatgaa gtgagacata tgggtgagtc ataataatca aaataattta tgaagagctg     2520
ggtctgcaat agctagtcta aaaactactt gtgtgtcagt cctctggtta tagtatataa     2580
gagcctgagg aggtctggca agatagatgg tgtattattt atggatcagg ctgctgcata     2640

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0943873E "033400

caaaccttgc	atactattat	gcagcttacc	taactctcag	actatttctga	gtaatgcttg	2700
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agtttcttag	aaatcggctc	cagtgcacgc	tgtgcttttt	cacatttgct	ctgggttatc	2820
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gcaaagccaa	tctgcttaaa	ggcaaagtcc	agaacctgga	acctagaggc	ctttctctct	2940
gcacgaaaaa	caggtagttt	gcagtctgag	atatgggaga	gcttttaggc	tacacagcaa	3000
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cttttctttt	ttccccctt	ttttaacta	cattggtggt	taagagtcca	tagtctaggg	3840
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gattaatgca	ttttgaagtt	cttagaattt	gttgggatga	ctgatgcaaa	gccaagttct	4440
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<210> 4114

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(334)

<223> similar to gi4191812 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4114

agaacactgc	tgcagaacga	ctggatggag	gagacagccc	ctggaatggg	ggcaaccatt	60
agttctggga	cgggattgga	taaagcccat	gtcaggcctg	tcgcccattg	gaatattgcc	120
aagtctatgg	ctgtgtacta	ccttgaacct	gtccgagctg	tgcgggatgg	gaagccttcc	180
tggtgccgtg	tatattactg	caggaatgac	cgtgaccaag	acagcttcct	gatcaggatg	240
gaagtacccc	atctccagga	aaagagagga	atcctagcat	ctgataaagc	cactatcatg	300
gcctttgatg	ccctggcgac	cttctgtgaa	gaacaggcgt	aagtgactta	ttgtatatgt	360

<210> 4115  
 <211> 538  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> similar to gi3687907 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4115  
 gaactaactg ctttgctgaa tactccacat attcaggcac tgttactggc ccacgataag 60  
 gttgctgagc aggaaatgca gctagagccc attacagatg agagagttaa tgaaagtatt 120  
 ggccagtatg gaggagaaac tgtaaaaata gttcgtatag aaaaggctcg tgatattccg 180  
 ttgggtgcta cagttcgtaa tgaaatggac tctgtcatca ttagccggat agtaaaaggg 240  
 ggtgctgcag agaaaagtgg tctgttgcat gaaggagatg aagttctaga gattaatggc 300  
 attgaaattc gggggaaaga tgtcaatgag gtttttgact tgttggtaag ttgacgcagc 360  
 tagaagaata attgatagct tttagaaagc tcttattaga ctttagaata aaatattttt 420  
 aaaataactg ttaagagcac tagatgattt ctacgctgat tttccatga tgtaactggt 480  
 ccacagtatt tgttagcagt tttatttttg ggtgggacca ctgatatttt ttactttt 538

<210> 4116  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(275)  
 <223> similar to gi3336973 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4116  
 gaatcagttc ccaggtctct cagccatgga aacaagccct ggccatctca gcagccactg 60  
 cacaatgcct ctggtggaag acacgccctc ctcccctctg gtcacacaag agaacatctt 120  
 ccagctgcct ctttcacacc cactccagac ctacagccct gttcacctcc tcattaggtg 180  
 tggcttttagt agttcctttg gttgtaacta tgggatggaa tccaggcata ggggaactagt 240  
 tgttccacag ctcccagcca ggaagaaagt gtgagaagct gattggtagt gaacctgctg 300  
 tttaacatca cagtgactac attgaaccca gtatgccagt tggcaccaga tgctgtggac 360  
 ttggaatgag gccaaagag



<210> 4117  
 <211> 1406  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(926)  
 <223> similar to gi5225378 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4117  
 ggcacgaggg cagtatatca agtgcaaaca tccttttggga tgatcagttt caacccaaac 60  
 taactgattt tgccatggca cacttccggt cccacctaga acatcagagt tgtaccataa 120  
 atatgaccag cagcagcagt aaacatctgt ggtacatgcc agaagagtac atcagacagg 180  
 ggaaactttc cattaataca gatgtctaca gctttggaat tgtaataatg gaagttctaa 240  
 caggatgtag agtagtggtt gatgatccaa aacatatcca gctgcgggat ctcccttagag 300  
 aattgatgga gaagagaggc ctggattcat gtctctcatt tctagataag aaagtgcctc 360  
 cctgccctcg gaatttctct gccaaagctct tctgtttggc aggccggtgt gctgcaacgc 420  
 gggcaaagtt aagaccatca atggatgaag ttttaaatac tcttgaaagt actcaagcca 480  
 gcttgatttt tgctgaagat cctcccacat cactaaagtc cttcaggtgt ccttctcctc 540  
 tattcctgga gaatgtacca agtattccag tggaagatga tgaaagccag aataacaatt 600  
 tactaccttc tgatgaaggc ctgaggatag acagaatgac tcagaaaact ccttttgaat 660  
 gcagccagtc tgaggttatg tttctgagct tggacaaaaa gccagagagc aagagaaatg 720  
 aggaagcttg caacatgccc agttcttctt gtgaagaaaag ttggttccca aagtatatag 780  
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 ggcattcttg caggagcagg ccagtggaga gcagctgttc ctccaaattt tcctgggatg 900  
 aatatgaaca gtacaaaaaa gaataaattc taccagaaga taaagaaaaa agcaagtatt 960  
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 agataccttt ggaaagaaaa aaaaaa 1406

<210> 4118  
 <211> 2614  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2417)...(1855)

<223> similar to gi4589624 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4118

tttttttttt	ttcattttaac	ttttggataa	taaaataactt	tattggtacc	atttaataaaa	60
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aaaacaacag	gaacaaaagt	aaactcattt	gattctctca	aaaaacaagc	tgtaacttac	180
ctttgcaaat	aattaggttc	tctcacttta	aatatcgtaa	ttcactgggt	cttcataata	240
aataattatt	aataatata	aaaaggagac	agtgggcctg	aattattttg	cagaggaaca	300
tttcacacat	cttttaaaaa	aatcactaaa	ctaccacaa	cttaaaactt	gtaagaataa	360
ttagggtgagg	agttattggt	aatattggaa	ttaatatagc	acctagaaat	ttgaaatttg	420
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ttcaggggtt	ttcaacatag	gtctctttta	aaaggggtta	aaaatttatg	catactagga	540
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ataatttctt	tttcaacttg	tctcattaat	ttatacctca	attaaaaacat	tctatatgca	660
agtgacatat	ttctctaaaa	cattccgtat	ttcagatttc	cattcagact	atcttcccct	720
cctccctttt	ctcaaatcag	agtgatcttg	tggcatacca	tttgcttttt	ctctccacaa	780
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caaaaacaaa	caaaaccatg	ctatgctcat	ctattctgaa	ccaccatggg	aagaccctga	960
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gtgtaagcaa	cagtaagtta	aggagttttt	agttctacct	ttctcttgat	tgattgattg	1260
gggatttcag	atgtgtcaat	taattatcct	ctatttccagt	ggaaaaggat	tcttcaagct	1320
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aacatgggca	ccaggtagaa	ctaactcaaa	acaacttttg	ggacaaatat	gagatttcaa	1560
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ccggagtccg	aatcacaatg	aggtcacat	gtaagtattt	tcgataaaga	tgaacatctt	2040
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tgtcccaagc	tcgggcaccc	acatttagtc	ctcgtccacg	attaaattct	tcattcaatg	2400
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taagtccac	ttaaagttac	caattttctt	ccttcaacac	agcttacaaa	atatgtttta	2520
cacttcaaat	atgttgattat	attggttcta	cattcacaaa	gggaaagaaa	atcccacctt	2580
catctgtatg	attatcatca	gggagagata	ttca			2614

<210> 4119

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<211> 3609
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3610)...(2041)
<223> similar to gi7758 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tgaaagactt aacgaaagaa aaaccacaa gaaattatta aacttttact atcgaaagga      180
tttactttgg tggagttgag ggtgggagag aaatgaatct ttatgttctc ctgttagaga      240
atagcttttt tccttccagc tttcacactg gcacatgctt attacaattc taccttggga      300
acatgacaga atttttttct tatgcattca tgcaacataa acaaacagat aattctagga      360
agactgtgat taagtcactt gcattctgac ctattatttt attttcatct ctccctgact      420
ctgggtgagc caaaggctat taagattatg ttctcctgct cactcactag gcagacctct      480
actcgagaag tgatctgaca gcgcagtagc tgatgctcgt ccagtgacta aagcagtcag      540
gctgaaaaca gattttatct caacaacagt cctagtttct tctgtcctca aacactgtta      600
tttattttca agataaaatt tagtaacaac attacgaagt agcttttatt cccttgggtg      660
aataagatgt gcacatttaa taataaattt gcttactaaa ggtcctttta ggggaaaaca      720
accttaaaaa tacagttcta gtccttgggc agtgaacaaa gaaaaaatgt gcttgagaaa      780
cacagtccag gttaaaggaa aactctcaga tcggttaatg cagttgaatt tttgcttgag      840
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agtgaggagt agacattttc tactatagca cactgggagg atgtttacct ggtactctag     1020
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tgagataaca taatgtacag aagcctaact ataaagagat ttgattaacg agacttaagt     1140
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gtgaacaagc cattattctt taaacaaggt attacaaaact caaccactct ggagaactga     1260
tgagcgccta actgaaatta ttagactaaa ttcttagtaa acaatgtttt ctgaaccttg     1320
ttcagaaata taatcactgc aaattatttt ccaagtgttg ttctaaaaaa caatataact     1380
ggacactagt aagaaagtaa ggtaaattat taatccactc gcattcaatt ctacaaggaa     1440
tgaaaaccatt tttaaaagtg gcttagaaca acaattttac tgagcactta ctatgcaccc     1500
accaggtata ttccttttat aatgtaatct tcaaaatgag ctgtcaaact attggcccat     1560
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cagttaaaaa agtcctttac ttgcaatccc tacccttagc taaccaaga gcatttaaaa     1860
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tctatgaaaa aaagatcagg attcactctc atcgacgtcc tcatctggat ggtgctcagc     2040
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cagcataagt ctctcttccct tttcttcaca gtttcgcatg gttttgtag cttcttcata     2340
aatttgctctg catttagtca aacttccttc ttttctgaa gacaactcaa actgagcaaa     2400
gctgatccat accttgacat gctgcgtccg ttgaagcaac cgccggtaaa ggtttcgtgt     2460
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accaaggatt	gtctctaatt	cagcgaattt	aatccatgag	gtacaatttt	cagggtccaaa	2640
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gtaccagaa						3609

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<210> 4120
<211> 1574
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(541)
<223> similar to gil871539 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4120	
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gaagaatggt	gactttcact acaagcagat ccccatctcc gaccactgga gccagaacct 180
gtcgcgggtt	tttccggagg ccatagagtt cattgatgag gccttgtccc agaactgcgg 240
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taacatctcc	cccaacttca acttcatggg gcagttgctg gactttgagc gcagcttgcg 420
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tctttgcagc	gtggggccgt	ctcacccctg	agcctggaga	ggatctatgc	ttgtttgttt	1500
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agataaaaaa	aaaa					1574

<210> 4121

<211> 2390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(2176)

<223> similar to gi6016932 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4121

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agagaccgct	ttcttgagg	aatttgaga	tctgaaaaca	gaggagcagg	taaagaaact	180
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ccgtgccatc	ctcgagaaga	acttttcctt	cctgaccaag	ggggcaaata	agcacaacat	360
gcccaatctc	atcaacacca	tgatggagct	gaggaagtgc	tgtaaccatc	cctacctgat	420
caatggagca	gaggagaaaa	ttctagaaga	tttccgaaaa	acccacagcc	ctgatgcccc	480
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agttgggatg	cccgatgaga	agtccctttc	tgcagaacag	ggtgttacag	atgggacctc	2160
agacattcct	gaaagaggca	acacagataa	agaagacaat	gctgaggaca	aagtagatgg	2220
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ggatgacagc	cgggcagccc	aggatggctc	cgacccagac	aaatcgccct	ggccagtttc	2340
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<210> 4122

<211> 4764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1408)

<223> similar to gi3043622 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4122

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agtgccagtt	gccttcgagg	ttttatgcca	gaaaaattac	aaattgtcaa	gccccttgaa	360
ggatcacaaa	ctctgtatca	ctggcagcag	cttgtcaca	caaacttggg	aaccatcctt	420
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cacatctcag	atttagaaga	ggatgaagag	gaggggtatta	cttttcaggt	tcagcaacct	540
cttgaagtgg	aagagaaact	ttcaacatcc	aagccagtaa	cagggatcct	cctgccaccc	600
attacttcag	caggtggacc	agttacagtt	gcaaccgcca	acccaggaaa	gtgcctgtcg	660
tgacaaaact	caacattcac	tttcaccacc	tgtagaatat	tacatccctc	tgacatcact	720
caggttaccc	ccagctctgg	gttcccttca	ttatcctgtg	gaagtagcgg	tagcagttca	780
tccaacacgg	ctgtgaattc	tcctgccttg	gcctatagac	tcagcattgg	tgagtccatc	840
accaaccgac	gagattccac	tacaaccttc	agtagcacca	tgagcttggc	caaacttcta	900
caagagcgag	gcatctctgc	caaagtgtac	cacagcccaa	tttcagagaa	ccccctccag	960
cctctcccta	aatccctggc	tatcccttcc	acaccaccaa	attcaccatc	tcactcacct	1020
tgccccttctc	ctttaccctt	tgagcctcga	gtgcatctct	ctgaaaattt	tttggcctct	1080
cgaccagctg	agacattcct	ccaggagatg	tatggcttga	gaccctcccg	gaaccctcct	1140
gatgttggcc	agttgaagat	gaacttagtg	gacaggctga	agagactggg	gatagccaga	1200
gtggtcaaga	accctggtgc	ccaagagaat	ggaagatgcc	aggaggcaga	aattggtcct	1260
caaaaaccag	attctgctgt	ttattttaat	tcaggtagca	gtttattagg	tggactaagg	1320
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cccaaatagg	gtgtcctgaa	ggaggactga	ggttcagcag	ttaactgacc	ttttatacaa	1440
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aggaatgttg	cacaaggggt	gtgaatgtga	aagggggaat	ggaggaatgg	aaataaaatt	1560

gggatgagcc	ctaattggagg	aagtcgggca	aattgaaagt	ataaatgaat	ggcccatgag	1620
tggtccagag	ggagaaagga	aagggttaaat	atactccttc	agttgagttt	tcttgtcttg	1680
aacataaaaa	gtgaatacaa	ataaattcag	taataactaaa	acatacagag	atactgaact	1740
tgctggcaca	tttacttctg	gtaagcataa	agcagagaga	acccagggtta	gaaggatggg	1800
aagagaaaaag	gagcagtttt	attgcttata	gaaagccggt	ctgaggggtt	ggtggggtaa	1860
gctcagtcta	ttactgagac	aatagtgaga	tggcttatat	gtttcccctg	ttaatatctg	1920
gttaaattat	gtatccatca	aatggtatgc	tgcgagcatt	agcaaaatta	ggagtttcat	1980
ctttttcatt	gaatcacagg	tggagactcc	tattttcctt	tctgttttca	ggcctttgag	2040
cccctgggag	cccaaatacc	actcaattat	tttgatttta	tgattaataa	aagttcattt	2100
tttaaatttg	tatttttata	caacctccaa	aaaaaaaaaac	aactgggtag	agggtgggag	2160
ggatttactt	ttaagaggca	aaatgtgagt	aaattgaaac	caagaaaact	tgtttttaga	2220
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aattccttgg	aggctggag	gggttaagcc	agaagtgcaa	tcaataggaa	ttagggaatg	2340
ttgtatatatt	atatatgtaa	actttttttg	taagaaaagt	tggtgacaac	taaaccaact	2400
ttttccaaag	tgcgctatgc	atattttttaa	tgaaagatga	catgtatttg	cacaaaaaatt	2460
ctcaggcaca	ttaaattatt	gtaaaactgaa	gtaaaacccg	ggtgcttgct	ttgagattgt	2520
ggttttttct	tcctaagtta	aaataaaaata	aaacacatct	gccttcttga	tatttataga	2580
attagagaat	aaacttttta	atgggggagt	caaagctttt	tctttttctc	taaggttctt	2640
tttttttatt	caaactgtat	gaaatggcaa	agttaggctc	tgggggttaga	tttcagcatt	2700
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gagcaaagtc	tgcttctcat	cagatgacgt	ggctttgtct	agacagcacg	cagttcagaa	2820
agaaatgtct	ttatacaaaa	gacatgatag	agaaaagatg	agagagggga	ctaattattt	2880
tgtttatgaa	aatggcaagt	aaattacttg	atcttttttg	tgcttaattt	gcaaagtgtt	2940
tgttcctttg	tcctgactta	aaggcagttt	tctgaagaac	tcttgactct	tgctcctatg	3000
gttcccatag	gcacacctat	tcacaggcca	aggagagtc	ttcctctccc	cttttgaggc	3060
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tcacacaaaa	caaaggggtga	agatggtctc	tcccttttgt	tccccttcac	tcagttgtgc	3240
tgaggtcaat	agagtgtaga	gtttcagaaa	ggattccagc	aggtttatat	gtgaatataa	3300
gtgtccctga	atggggcagg	cattaaaatag	aagaatccct	gctgttttaa	tttcccgcac	3360
attccaattc	acttttataa	aataccattt	gaatttgat	ttcataaagt	gactctgggg	3420
tgcttacttt	agtcaattct	taaaattttt	tatttgttcc	ctaagaaagt	aattactggt	3480
tctgttgctt	ggacagttac	agtttccagg	aaacatcagg	aagtaggaaa	ctgtaggggc	3540
agagagtagt	acaacgttaa	attgtccgat	ttatgtgtat	tacttaaagc	tataaattga	3600
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taaatgatca	ctttggaggc	agggtggtgg	gggtgtatta	gcagccaaat	aagcacatct	3720
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aacaccttaa	gtgtatactg	ttgtgtaatg	tctctagaaa	ggaatcctgt	cttaaaaactg	3840
ggttttgctg	ttttttgaag	tttctaccta	aaatcatttt	tggatatatcc	tgataatctc	3900
tataatacta	gaattgtctg	caaaatatag	taagaagaat	tggagcctaa	tagctgattc	3960
ctcccaattt	atctgttatg	ttttgtcact	attcacattt	tagtcttttc	tacgataaaa	4020
attgtatgtg	tactttcatg	ccagtatagg	aaacctcaat	cttttttttt	ttttcgctt	4080
taaaaagggt	ttcagggtt	atacctcagg	tattttctgag	tgctcctattg	tctaattagga	4140
gaaatatctt	cccagagctca	gaattaaaag	ttctcctaaa	ttatgaagat	cccaaattctt	4200
atgtaataaa	ccttaggcac	gagtccttag	ggagaagtta	atgaccattg	ttaaagtgtc	4260
tttttagaaa	atgttggtgct	gtatgttctt	gatttgacat	aaatgaatag	actttggcaa	4320
gggaggaaat	aagttaaaaag	gcagcttaca	agagcctatt	ccctataaag	ggtataattt	4380
tacacagtac	tcaaagcttg	ttatcttttc	tgacctattt	agtacagaat	tagtacttgg	4440
tggttactaa	catcaacttg	tgacatctag	aactagggtc	cttagtggtt	agtggggcac	4500
ttctctgatg	tcagatgcat	gcagacctgt	actccacatg	caacccaaca	gcagtgccag	4560
tgtggataac	tgagccgtcg	ccttggcaga	gggacatccc	cctccagagt	ggggcacaag	4620
tgccctctag	gggcagccag	gggaatacta	ttggttcgat	acctgggatt	tgactttgtc	4680
aaacagctct	ttgtgcccct	atctttgttt	tgtcaaatgt	agatcagtta	ataaacatga	4740
gtagcttgaa	ttttaaaaaa	aaaa				4764

<210> 4123  
 <211> 1102  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (941)...(853)  
 <223> similar to gi5360125 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4123  
 ttttttttta aaaaaaaatt aagctcttta attatgtgca cacagatttt agaaaaggta 60  
 gccttttgta tatagatacc ttacattctt ttaggctgac ttttaaattg tcatcttttt 120  
 tcaactacag tttttgtata tagtaaacca gaagatgtgt atggaccctg ttatggccaa 180  
 gcatctcaaa gatgaagaga gaattaatga tagttatatt tcaactcaaaa tgccaaaaaa 240  
 aaaaattcaa caaagtaaaa attttaaaac ttgactctaa ctagttcctt tttgtttttac 300  
 attctcaaac cattgtcaaa tattctaaat atctctgaga atttctcttt taatgcttca 360  
 cttgtataat cttaaaatcc tgacagtcac acaatacagc atgtagtagg taccttttct 420  
 tgaggcacat tcaagtgttt tggcaaacag taaaaagtat ctaaatgcca cagggtaaaa 480  
 tgtcaagttt tactgagtca ccaacttcac ctcttttgat ctgcctgttc tccaagaaca 540  
 tcattctcog gaagatccaa gttcctctag ttgttttctt tgtgtttgtt ccagttcttc 600  
 tagtcttttg cgaagtagag agagttccct ttgatgttgt tctcctgca tatgaggagg 660  
 aaatggtagt tccatgcttg gaacccatgg ctgatgactg aaagctaaca ggattgatag 720  
 atgctgttgg aggcattgta ggaacaaaaa ttagacttcg aaattcatta tgtcttctct 780  
 gtatatcttt tagtcttttt tgaagccttg tatagtcttc aaaaggaaca ttttgtctat 840  
 ttaagacctg attttctgtt tccaattctt ctttctttgc ctccaagact tctactttct 900  
 cttgtagtct tttcaatttg ttttcatgaa gagattttct ctaaaaagag aaatatgaac 960  
 aagtatgtta atacataatc tcttatttga acaaaactat atagaaaata ttttactcac 1020  
 caaaaactgt gtttagatat gaatgttttc agtgaatact agaaacaaag gttagtagac 1080  
 atggctctta ctgaaaattg ca 1102

<210> 4124  
 <211> 543  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (518)...(266)  
 <223> similar to gi3257704 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4124  
 tttttttttt ttggcttcca ataaaaaata attcaacttt attagtatga aatattttga 60



gataattagt	gacccaaatg	catgattctc	caatatgaaa	ggtgttcagc	ataagcatac	120
aatcatttag	taaaactgct	ctttatgaga	ccccagaaa	agctggaggc	acttcctctt	180
tttgggtggag	agagaagaca	ctacttaact	ggccatttcc	ttgctggagt	ttattccgat	240
tcccttttgt	ctgattcttc	ctcctcaaac	tcgactaaag	gagtgtgtct	gttggcctga	300
gcaccttctc	tgtagaacac	tttctttact	gtgccatcct	ttggagactt	tatgggatgc	360
tccatcttca	tggcgatcat	aaccatgagg	gaatctcccg	ctttcacttt	gtctccagct	420
ttgacaaaaca	ccttttcaat	ggttccagtc	ataggagcta	aggggccgcc	ctgagtttct	480
tgtgagctca	cagaagataa	gtatttgggg	actggaatgt	caatctcaat	acttccttcc	540
tag						543

```

<210> 4125
<211> 1158
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1051)...(28)
<223> similar to gil333634 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4125						
tttttttttt	ttactatcta	gagtctagag	ctcacagtac	agagttttgt	gaaatacggg	60
gcctatgaga	attttcccat	ggtacacaga	agccacagag	gtgccctgaa	gcacagagcc	120
attgttggca	tacacgggtg	tcaccctggg	cttctcagac	aaaacattct	ggatgcgaag	180
tacttctgat	cctggagggt	cctcagggtt	atagttcagt	agcttcatag	gattaggatg	240
gcacctgcc	aaaatgtctc	ctgtggcagg	atcgacagtc	aggttatcca	ctaagggtgc	300
caactgtatc	accttcagtt	gagttaaata	ccagttatca	tgtttttcca	ttatgtgaat	360
gttcttagct	gctacatcag	ctacatagac	atacttctgg	tctgctgaga	ctgtgatccc	420
attggcacta	caaaatcctt	tggccaccac	tttaacctcc	cttgggctgt	agaaaagaac	480
ataagtccag	cgaagatcca	agatcatctc	aaaaaatgac	aggagggagt	tggtaaaata	540
gtgggtctctg	gtggcataga	actgttctgg	tccaagaacc	acaatgtcat	tcacactttt	600
gagaagttca	tgttttatag	ttttcaggta	taccagagaa	cgttgttgtt	cctcaaattt	660
aaatatctcc	acagtggact	tcatgtgggg	atgattcaca	acataaagat	acacagtatt	720
gtctttgtcg	atgaaaatac	tgatcccatg	tggattaaat	aattctttgt	caaatccacc	780
actgatttct	agtgtttgtg	cccttgggtt	ttgttcattc	agatccatca	agaagatttt	840
tcttggttca	tctggcgcaa	agtttggcat	gcctggatat	tttaatccac	tggagataaa	900
agccagccca	ctaggaagta	tatcaatatc	ttcagagcca	ctttcaagtt	cctcaataag	960
gtggcagttt	tcaggttcta	ctggctccac	ttctcgagag	gcattcaccc	tttctctaaa	1020
cgccagggaac	atctccccga	ctaaggacag	gccgaccccc	agcaggacca	gcgccacgag	1080
cttccccatg	gtctcggggt	gcccagcggc	gactgcgcgc	cgccgagagc	tctcgggggc	1140
gcggcggggcg	gttcctgc					1158

```

<210> 4126
<211> 1882
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1883)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (7)...(1298)

<223> similar to gi4581082 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4126

ggacttcggc	acgaggtcac	actgcgggtg	ctcctcaaag	acgcgctgct	ggagcctggc	60
gccgggggtg	tgtccatcta	ctacctgggg	aagaagttcc	tgggcgacct	gcagccagac	120
ggaaggatca	tgtggcagga	gaccggggcag	accttcaact	caccagcgcg	ctggggccacc	180
cactgcaaga	agctggtgaa	ccctgccaaag	aagtcgggct	gtggctgggc	ctctgtcaag	240
tacaaaggcc	agaaactgga	caagtacaag	gccacctggc	tccggctgca	ccagctgcac	300
acgcctgcca	cggctgctga	tgagagccca	gccagtgaag	gggaggagga	ggagttgctg	360
atggaagagg	aggaggagga	cgttctggcg	ggggtctcag	cagaggacaa	gagtcggaga	420
ccactgggga	agagcccttc	agagcctgcc	cacccgagg	ccacaacccc	agggaagcgg	480
gtggacagca	agatccgggt	tccggtccgc	tactgcatgc	tgggcagccg	cgacttggcc	540
aggaaccccc	acaccctggt	ggaagtaaca	tcctttgcag	ccatcaacaa	gttcagccg	600
ttcaacgtgg	ctgtttctag	caacgtgctg	ttcctgctgg	acttccacag	tcacctgaca	660
cggagtgagg	tcgtgggtta	cctggggggc	cgctgggacg	tcaacagcca	gatgctgacg	720
gtgctcagag	ccttcccttg	tcggagccgg	ctcggggacg	caaagactgc	agctgccatc	780
gaagaggaga	tctaccagag	cctgttcctg	cggggcctgt	ccctggtggg	ctggtaccac	840
agccacccgc	acagcccggc	gctgccatct	ctgcaggaca	tcgacgcaca	gatggactac	900
cagctgcggc	tgcaaggctc	cagcaatggc	ttccagccct	gcctcgccct	gctctgctcc	960
ccttactatt	ctggcaaccc	aggccccgag	tccaagatct	cgcctttctg	ggtgatgcct	1020
cctcccgagc	aaaggcccag	tgactatggc	atccccatgg	atgtggagat	ggcctacgtc	1080
caggacagct	tcctgaccaa	tgacatcctt	cacgagatga	tgctgctggg	ggagttctac	1140
aagggttccc	ctgacctcgt	gaggctccag	gaaccctgga	gccaggagca	cacctacctc	1200
gacaagctta	agatctcctt	ggccagcagg	acgcccagg	accagagcct	gtgtcacgtc	1260
ctggaacagg	tgtgcggcgt	cctcaagcag	gggagctgag	ccttccaggg	cagggtgggc	1320
tccagttgtc	ttgagggtcc	ggatgggctc	aagttctgga	gggggtcaat	gaagttctgc	1380
ttgacctcga	tgtccaggga	gtccttcacc	tctgccaggc	gcttcatgga	ctcgccggca	1440
tccagcaatg	cgtcacctgt	ggagaagtgg	tgggggaagc	catcataaccg	ggcctgggac	1500
cactagactg	agacactcct	cagcctttgt	ttttgaaata	gcgtttcaca	ggctggaacg	1560
cagtggcgct	gtaccagctc	actgcaggcc	tcaaactggg	ctcaagccat	gctggcacct	1620
cagcctccca	agtagccggg	accacaggcg	ttcaccccca	cacctggatc	ctttccaact	1680
tctttgagat	gaagtctcgc	tgttgcccag	gctgcagtgc	agtggcatga	tctcagctca	1740
ctgcaacctc	tgccctcccag	gttcaagcaa	ttctcctgtc	tcagcctcct	gagtaagggg	1800
gattacaggg	gcctgccacc	acatccagct	aatttttgta	tttttaatag	agacgggttt	1860
caccatatag	accnacaaaa	aa				1882

<210> 4127

<211> 559

<212> DNA



gccttcgcgc	tggggtccc	tgtgacctct	cagtcacctg	gcccggccag	ccacggtccc	660
cagcacccaa	gcatgcaatt	gcctgtcccc	cccggccagc	ctccccact	tgatgtttgt	720
gttttgtttg	gggggatatt	tttcataatt	atttaaaga	caggccgggc	gcggtggctc	780
acgtctgtaa	tcccagcact	ttgggaggct	gaggcgggcg	gatcacctga	ggttgggagt	840
tcaagaccag	cctggccaac	atggggaaac	cccgtctcta	ctaaaaatac	aaaaaattag	900
ccgggtgtgg	tggcgcgtgc	ctataatccc	agctactcgg	gaggctgagg	caggagaatc	960
gcttgaaccc	gggaggtgga	ggttgcggtg	agccaagatc	gcaccattgc	actccagcct	1020
gggcaacaag	agcgaaaactc	tgtctcaaaa	taaataaaaa	ataaaagaca	gaaagcaagg	1080
ggtgcctaaa	tctagacttg	gggtccacac	cgggcagcgg	ggttgcaacc	cagcacctgg	1140
taggctccat	ttcttcccaa	gcccgagcag	agggtcatgc	gggccccaca	ggagaagcgg	1200
ccagggcccg	cggggggcac	cacctgtgga	cagccctcct	gtccccaagc	tttcaggcag	1260
gcactgaaac	gcaccgaact	tccacgtctt	gctggtcagt	ggcggtgtgc	ccctccccag	1320
cccagccgcg	cagccacatg	tgtctgcctg	accggtacac	accagggggtt	ccgggggttg	1380
gagctgaacc	atccccacct	cagggttata	ttccctcttc	cccttccctc	cccgccaaga	1440
gctctgccag	gggcgggcaa	aaaaaaaaagt	aaaaagaaaa	gaaaaaaaaa	aaaaagaacc	1500
aaccacacctc	tacatattat	ggaaagaaaa	tatttttgtc	gattcttatt	cttttataat	1560
tatgcgtgga	agaagtagac	acattaaacg	attccagttg	gaaacatg		1608

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<210> 4129
<211> 2102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1889)...(96)
<223> similar to gi4929220 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

gaatattacc gatgtctctg tctcctgatg atgcacgact accaggttgt ccaccacggt 1260
cagggcaaac tttcccgctc tttttaactt caatatgtgc atcttttttac aggcaccttc 1320
tcgtggtaga tgatagagga ccacctccgc tcctgtgctg ttggaggtcc gagaatgatg 1380
cctcaagaag agaacatata gctgcccgtg tatggtagcc attgcatgtg ctctttcggg 1440
aaggctgggt ttagttgact taggcgcagc tggttaattca atctcaaatt tgggcagctt 1500
cgacatagtg ccagccctaa agtgaaaagg ctgcaggaca ttctccagga ccgtggtaga 1560
cagcaagatc acggcgctct cggggcagta catgtaccaa ttcacattga gattgtggct 1620
cttcaagagt ttcagactcc gtttctcttg taatacctgg taaaattcga ttccttgatc 1680
tggtatgaag acaatttcag ttgaactagt ccagcagaat cctagaatgt tggcattctt 1740
agtcttgac tcctgtgtgt attccagctg ggaattatca gggataaaat tacaaaaatc 1800
cacagtcttt gaggtcctct gaacagccaa tatcttattt tctaaggaaa acttaatgca 1860
cttcacttct cctttgtcat ccattctaaa tgagatggga ttctatcat ctgggccttt 1920
aactaccacg ccagtgactc caccagatcg aacagcaaaa acctgcttgt tggcctcatc 1980
gaagaagacg cagttgacag ggttcgcctt ctcgaaactgc accggccgct cgcacagctc 2040
cagatagtag tctcctcgcg ccatggcggg cgcagcggcc gcggcggggg ccccgagcga 2100
aa 2102

```

```

<210> 4130
<211> 1049
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (193)...(654)
<223> similar to gil840045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4130
ggaaggcctg gtgcaggagc ctctgagctc tttccttctg tgaccacgga cctgtcagtt 60
tccaaacaaa acgcgtgcct cacttggtgtg gattttgtca ctgtgcatgt atgtatgggt 120
ttctggggca ttggtcctgg tgctctctcc acatcctgca tcccgtaacc tctgtctcat 180
ggcccaggca gtgtgaaggc ggagatgctg cacatgtaca gccagaagga cccgctcatc 240
ctctgtgtgc gcctggccgt gctgctcgcg gtgaccctca ctgtgccagt cgtgctgttc 300
cctatccgcc gggccctgca gcagctgctt tcccaggca aggccttcag ctggccacga 360
catgtggcca tagctctgat cctgcttggt ttggtcaatg tccttgatcat ctgtgtgcca 420
accatccggg atatcttttg agttatcggg tccacctcag cccccagcct catcttcac 480
ctccccagca tcttctacct ccgcattgta ccctctgagg tggagccttt cttatcctgg 540
cccaagatcc aggcctgtg ctttgagatc ctgggagtc tcttcattggc cgtcagtcta 600
ggcttttatgt ttgccaactg ggccacaggc cagagccgca tgtctggaca ctgatcaggc 660
cctgctggcc caggtccctg tgcgcatgca catggagggg tcaggggcgc tccctagggt 720
ccctcctgcc caacatgtgg aggtggctgg tcccatgaa cgtggttgct agagggggg 780
gacagcagag gctgcagact ggcccacttc cctcctcccc agggatgcca agcttgatc 840
atggccctaa tcccaacccc aaccccatgg gaggaggagg aggaggaaga agaggaggag 900
gaggaggagg aggaggagga ggaggaggag gccaggctct ggtggagcct ttgcccagcc 960
cagtcctctc tgctcctcc tggctgaagc tgtttgtcca ggattaccct cgggggctaaa 1020
gaggaaaaat aaagatgttg agctaccaa 1049

```

<210> 4131  
 <211> 4199  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)..(2550)  
 <223> similar to gi3882185 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4131

cagcacatga	ggaacctgca	gcaacaggag	ctgcacaggc	ttctccgggt	ggctgacaac	60
caggaactgc	agctcagcaa	cctgctctcc	agggaccgca	tcagtccgga	gggcctggag	120
aagatggcgc	aactcagagc	tgaactgctg	cagctatatg	agcgcgtgat	tctattagat	180
attgagttct	ctgataatca	gaatgtggat	cagatcctgt	ggaagaatgc	tttctatcag	240
gtgattgaga	agttcaggca	acttgtcaag	gatccgaatg	ttgagaaccc	agaacagatt	300
cggaacagac	ttttggagct	cttggatgag	ggtagtgact	tctttgatag	tttgcttcag	360
aagctgcagg	ttacttacia	gttcaaactg	gaagactaca	tggatgggtct	tgccattcgc	420
agcaagccat	tacgcaagac	agtaaaatat	gccttgatca	gtgcccagcg	atgcatgata	480
tgccaaggag	atattgctag	gtaccgggag	caagccagtg	atacagcgaa	ttatgggaaa	540
gcacgcagtt	ggtacctgaa	ggcccagcac	attgctccca	agaatgggcg	cccctataac	600
cagttggcct	tgctggcagt	gtatacgagg	aggaagcttg	acgctgtcta	ttactatatg	660
cgcagtttag	ctgccagcaa	ccctatcctg	actgccaaag	agagtctcat	gagcttggtt	720
gaagagacca	agcggaaagg	agaacagatg	gaaaagaagc	aacatgagga	atttgacctg	780
agccctgacc	agtggcggaa	aggaaagaag	tctactttcc	ggcatgttgg	agatgacacc	840
actgcctggg	agatctggat	tcatccatcc	catccacggg	cttcccaggg	cactgagttc	900
gggaaggatt	ctgagcaaga	gaatgggctg	ggcagcctga	gtcccagtg	tctgaacaaa	960
aggttcatcc	tcagttttct	ccatgccc	gggaagctgt	ttaccgggat	tgggatggag	1020
acattccctg	cagtggctga	gaaggtcctc	aaggagtctc	agggtgttact	gcagcacagc	1080
ccctctccca	ttggaagtac	ccgcatgctg	cagcttatga	ccatcaatat	gtttgcagta	1140
cacaactccc	agctgaaaga	ctgcttctcg	gaggagtgcc	gctctgtgat	ccaggaacaa	1200
gcgcagctc	tgggcttggc	catgttttct	ctactgggtc	gccgctgcac	ctgcttactt	1260
aaggagtccg	ccaaagctca	gctgtcctct	cctgaggacc	aggatgacca	agacgacatc	1320
aagggtgtct	cctttgtccc	ggacctgaag	gagctgtctc	ccagtgtcaa	agtctgggtca	1380
gattggatgc	tcggtacccc	ggacacctgg	aatcctcctc	ccacatccct	ggatctgccc	1440
tcgcatgttg	ctgtggatgt	atggctcgacg	ctggtgtgatt	tctgtaacat	actgactgca	1500
gtgaatcagt	ctgaggtgcc	actgtacaag	gacccggatg	atgacctcac	ccttcttatac	1560
ctggaagagg	atcggtctct	ctcgggcttt	gtccccttgc	tggctgcccc	tcaggacccc	1620
tgctacgttg	agaaaacctc	ggataagggt	attgcagctg	actgcaaaag	ggtcacagtg	1680
ctgaagtatt	ttctggaagc	cctttgtgga	caagaagagc	ctctgctggc	attcaagggt	1740
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gagggaacac	gactggaaga	tgaggaggag	gatgtgggtg	ttgaagactt	tgaggaagat	1860
tcagaggctg	aaggcagcgg	aggcgaggat	gacatcaggg	agcttcgggc	caagaagctg	1920
gctctggcca	ggaagatagc	tgagcagcag	cgtcgccagg	aaaagatcca	ggctgtcctg	1980
gaggaccaca	gtcagatgag	gcagatggag	ctcgaaatca	gacctttgtt	cctcgtacca	2040
gacaccaacg	gcttcattga	ccacctggcc	agtctggcgc	ggctgctgga	gagcaggaag	2100
tacatcctgg	tgggtccccct	catcgtgatc	aatgagctgg	acggcctggc	caaggggcag	2160
gagacagacc	accgggctgg	gggctacgcc	cgtgtggtac	aagagaaggc	ccgcaagtcc	2220
atcgagttcc	tcgagcagcg	attcgagagt	cgggactctt	gcctgcgagc	cctgaccagc	2280
cgtggcaatg	aactcgaatc	catcgccttc	cgcagtgagg	acatcactgg	ccagctgggt	2340
aacaacgatg	atctcatcct	gtcctgctgc	ctccactact	gcaaagacaa	ggctaaggac	2400

tccatgcccc	ccagcaaaga	ggagccaatc	cggctactgc	gggaggtggt	gctgttgacg	2460
gatgaccgga	acctgcgtgt	gaaggcgctc	acaaggaatg	ttcctgtacg	ggacatccca	2520
gccttcctca	cgtgggcccc	ggtgggctga	gggagccaca	ctggggcccc	ccccccggg	2580
gaaccgttcc	tgaaaggcca	ccaggcgccc	agggtagcac	ggaaaatgcc	cacgtgcctg	2640
agccaccaat	ccaccagac	aataaaccat	cctcttccaa	cccacgccac	ggccatgctg	2700
tgggggacct	gctcctcaca	gagccccctc	caaggatcgg	gcggaagctg	ctgggaccct	2760
cctgggctgc	caggatttag	cagggaggtg	gctggctaca	gcaacagcag	ctgggcaagc	2820
cagataggcc	gctcatgctc	tcagcctttc	tccctcccc	gtctcattcc	aaggctgagg	2880
gagggccttc	tcgcctgggg	acgcagccac	tttctccagt	ggagacaggg	caggggttct	2940
gagtttccgt	cagatgcagt	gaaatcacag	ttccctttca	tcttcagaac	ctctgtcgtg	3000
aatgtgttca	agaggctttg	gttaagtcag	gaagaagtgc	ccagggtgtg	tgtccccagt	3060
ctccctgagg	cctggactcg	cccatgaacc	caagtcggct	tctagacagc	atgtccctaa	3120
cagcagccct	gggcccccac	ctcttctacc	atccaccca	gacttaccac	acacccttc	3180
tgtgtctcct	cttcctgccc	ttatcaacct	gggtccctca	cacttcgcca	gttgcgtccc	3240
cgtggacagt	catgagtcta	gaggaaagg	gcatctggtc	tcaggcccg	gctctcggt	3300
ggcctccacc	tgtctccctt	ctcctcactg	gcctttcttt	ccgtctagct	tcctcttcag	3360
gaaatgtcct	gactctcctc	agctccccct	tcacccctcc	ttgcccgct	accctccctc	3420
cagaatagcc	cctcaccctt	cttcccttcc	tagttgatcc	ttttcacctc	cctgatcccc	3480
ttcatttctt	caccgcggtt	cctcgtcata	ggggttctca	ctctgaactt	tcctctctta	3540
ctacccatgg	caggaacct	gtacaggtct	cccacccagg	gccttccacc	ctcggtcct	3600
gtgctgggag	aaacttccag	gcgtggacag	cccagcctga	ggcattccag	tgtctgggca	3660
ccgtcgccta	acctggtttc	tagctttgcc	ctcactcccc	ggaaaaactg	acactgacac	3720
agggggccctt	tccttgcccc	tttagctggt	acctcagtgg	ggaggcttcc	ttaccaagaa	3780
tgagttcctg	aaaccaggg	ccagagacaa	ggacaactta	ggggaagacg	gggttttcgg	3840
tggagccagg	ggcaaatctt	aatgggacca	gtgggggata	ccccagagcc	catggcctga	3900
ctgcacagcc	tgcctggagg	atgggtgcgc	agctctgccc	tccttgaggc	ccaggactat	3960
gccagaagcg	atggggtacc	gtgtagggga	gccaaggcca	gtagtttggg	ggtaggagtc	4020
ccctagagtc	tcagaagact	gggctctttg	gagtacaggg	tcctccgct	ctcctttaag	4080
attctctccc	cagctggaag	gccgatgact	gggtggtcgg	gaggagagacc	cagctctcct	4140
ttctgtccc	tttgacagc	tgggtttgtt	tccttaataa	atttttagtt	atgaaacat	4199

<210> 4132

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(128)

<223> similar to gil83817 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4132

ctgtgacaag	ctgcacgtgg	atcctgagaa	ctggaggctc	ctgggcaacg	tgtgatctg	60
tgtgctggcc	catcactttg	gcaaagaatt	cacccacca	tgcctggccc	ctctgctggt	120
cttgattgaa	gtcattcatg	caactgtaat	catctaattg	ctcatctggg	actgagattg	180
tctcaagcac	atgtctggca	gttggtgtca	cttggtgatt	gggcctctct	cttaacgtaa	240
ggaagtgagc	caaagcttct	cacattatga	cagcagggtt	cccatagagc	caagtgcag	300
ctgtaagtcc	tcttgaggta	tcaacttggg	agacacacca	ttacttctgc	attgtat	357

100-443887-100

```
<210> 4134
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(347)
<223> similar to gil943947 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

2856





```

tggaaatgtc atctttgtgg catatattaa gtggcagttt attttctttc cctgccagta 600
tacttcgttg ggtcggggag aacaaagaat ggttttgaaa ccagagcttt cagttccctt 660
catggtttcc agaggtgaga agcctctgtg ggtagtagat ttgggatgga acacacacaa 720
cccttctaata gaccctaagt tgtaactaa ctgcctttga atggttgtct tgaaatacct 780
ggtgtatata ctgcagaaaa ggaatgcagc tgttttccac agtgtttgtc cccaacttct 840
gtttgtactc agaatcgttg aacatatgaa gattttgggc ccataatcct taaactatag 900
cctgaggtgc acctgattac atagagtttg gatggagcaa agaaaaatcc aatagcattt 960
tgcagagtaa tgtatataat tatgggctca cttcctactg gagatgttga aagtctaaat 1020
cggtttgacc attttgattg atggcacaat ctggtttaga aaactttgtt tagatcaatg 1080
acataaccct gctgcctctg cctgcccttc ccctcccttc tcccatcccc ttttccctat 1140
ctgggtgtctg tactttgatg aaggtgagct ataataattgg tggtaacat aatccagaag 1200
gcttagttct gtgtgtgttc tgtccctata taaactngga aaaaaaaaaa aaaggggggg 1260
ccgtttttaa ggatccaatt ttacgtcccc gggctggcaa ggtaatatat tttttatggg 1320
gcccccaaaa ttaaattccc gggccggggg ttaacaacgg ggggagggga aaaccccggg 1380
ggttcccca ttaaatacgcc ttggaagaac accccctttt ccccgggggg ggaaaaaaaa 1440
aaaaggcggg g 1451

```

```

<210> 4137
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (203)...(94)
<223> similar to gi307106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4137
caactgatag gggaaaaaac caacacactc ttggtcttca tgtaattctg tgaataaaat 60
ttgaaataaa tatattaaat aaatacagta gtacctgctg ttggaaaagt tcttctcaa 120
caaccactcc agctgcttct tctcctcct cctcttcttc aggtatggat gctttaaaga 180
ctgtacttct ttgagcaacc tctaaaaaac aatagtagtt taagttaata aacacactta 240
aaatcaccaa atgcggtgga tagggacctt ttctttgctt aagagacagc atttcttgcc 300
aggcgcaatg ggtaacacct tgaattccag a 331

```

```

<210> 4138
<211> 1006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1007)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (297)...(664)  
 <223> similar to gil60299 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4138  
 atcaccaaga cctattgatt ccacccattc cactttctcct gaagctttcc ccttctctgc 60  
 attttcccat catcacattc tactcaacct attgacactg accacctact atgggccagg 120  
 cactgcgcta ggctgtaagt ctacataatg atctcaacaa acaaactgga caaataatag 180  
 aggatgattt ataagaagaa gacatcaagc gaggaaaaag aaaaaggcta tcctctgtga 240  
 tgtgtgacag tgatgagagt gatgacagcg atatcctagt tagaaaagta ggtgttaaac 300  
 gtccccgtag agtggttgaa gatgaagggt cttcagtggg aatggagcaa aagactcctg 360  
 aaaaaacatt agctgcacaa aagcgagaaa aacttcagaa gctcaaagaa ctctcaaaac 420  
 aaagatctcg tcagagacgc agtagtggtg gagattttga ggactctgaa aaggaatctt 480  
 gcccaagcag tgatgaagtt gatgaggagg aagaagagga taattatgaa tctgatgaag 540  
 atggagatga ttatattatc gatgactttg tagtgcaaga tgaggagggt gatgaagaga 600  
 ataaaaacca acaaggagaa aaattgacta catcacaact gaaattagta aaacggaatt 660  
 ctcttttattc ttttagtgac cactatactc attttgaaag agttgtgaag gctcttctga 720  
 tcaacgcttt agatgaatct tttctgggaa cattatatga tggcacaagg caaaaatcat 780  
 atgcaaaaga tatgctaaca tctcttcatt atttggataa ccgctttgtt cagcctcgtc 840  
 tagagagctt ggtatctaga agtcgttgga aagagcaata taaggagcga gtagaaaatt 900  
 attctaattg aagtattcat ttgaagaatc ctgaaaactg ttcctgccag gcttgtggga 960  
 ctgcatcgct actgttaant attcagtgcn ttttttcagg agagtt 1006

<210> 4139  
 <211> 1433  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (147)...(197)  
 <223> similar to gi3845179 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4139  
 cccattttgt tcccccccca aaaaaagggt tctttccaaa aattcccaag aaggtttata 60  
 ataccccccc cttaaaggaaa aaaaattttc tttccactcc cgcgttaaat ttggccccc 120  
 cagggattct ttaaaacggc cccccctttt tttttttttt tttttttttt agaacaaaac 180  
 aggtatatatt ctattagact acctgataca gaagatagtg tggtaggat ggatagtatg 240  
 aaggacaaat aatacaata tattttattg aaataaacia aaatgcatac acagctcaat 300  
 gggtcacttg gaacaaactt gcttgactat attactgagc agaaacaaaa cggaagcaca 360  
 aacacctttc tttttttgac atgtatctgg agataggtag gaagacacta cttgggtttt 420  
 taaaaaactg accttccctt aaggcctggt catagaagtg taaacaatgt aaatgaatcc 480  
 accattacca gttgtcatat catatctatg tcacctgtgt attctgagat tacacacata 540  
 cctgccaaata tacctgggaa aggttatattt atcacagtta cacttgagtt cttggcaggc 600

09450725-012100

```
aggactgagg aagagtaatt tgaaagaagt tttacatcct atttagaaga aatcactagt 660
atctccttaa ataacagggtt acaatagaaa gatactgcct ggaagttatc ctttcacttt 720
ggttcatttt tagtttttct ttatgattta catagctggt taattcattt gcttatagta 780
caatcctgcc ataaagtatt aaagcacaag atacctatta ttccttcaac atctgcattt 840
ttcaagtttt atactctaca tccacagtac gtcagcaggt cttgaatggt taaaaaaata 900
aatgggtaaa atgcttctaa aaaatgcaga tgtttataac tacaatggta ctaagatggg 960
aaggagacaa tgagagaagg gataaaaagca aacatgttca tgtgcaggga atgtgggttca 1020
agtctttgga tttaaaaaca agttccccag agaagctggc acttcctttg ccctccaaaa 1080
aggacctgaa aagtcccaat ccaaacttta gaaaattagt tatgagatgc aataaatgat 1140
gatatgagat gcaataaatg atgatcaaag cagtcagagg gagaaggatg aatgtgtctt 1200
ccatttagct agagactgta gcatagcctc tttagggtgt ggtggatcag taaaaacgac 1260
tgaagtacca gaagtgcctt gaaggatagg ggtacaaagt aatgaccata ataccttgct 1320
taaatcagta gcagggtctt atggctagga aactttttta aacagtaaaa tgtcattagg 1380
atagatcact ctctcaccaa cattaaatgt ggcagaatta accaaaaaaa aaa 1433
```

```
<210> 4140
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(359)
<223> similar to gi3800742 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 4140
gggaataagc ttgcggccgc ggaggacctg tcggacgcgc tgtgcgagtt tgacgcggtg 60
ctggccgact tcgcgtcgcc cttccacgag cgccacttcc actacgagga gcacctggag 120
cgcatgaagc ggcgcagcag cgccagcgtc agcgacagca gcggcttcag cgactcgag 180
agtgcagatt cactttatag gaacagcttc agcttcagtg atgaaaaact gaattctcca 240
acagactcta cccagctct tctctctgcc actgtcactc ctcagaaagc taaattagga 300
gacacaaaag agctagaagc cttcattgct gatcttgaca aaactttagc aagtatgtga 360
aacaagaagt tctgggtcct ttcatacataa gggagaagct tcagaaagtt ccgaggacct 420
gctaaaacta aaatcagcta ctagaatctg ctgccagagg ggacaaagac gtgcactcaa 480
ccttctacca ggccactctc aggtcacct taaaatcagc ccttgatccc atttctgggc 540
aatttagaca gtgaaactga ctttgtttac ctgcttgag catattagaa cagacgatcc 600
atgctaatat tgtattttct cttaaaacat agctttcctg taatttaaag tgcttttatg 660
aaaatatttg taattaatta tatatagttg gaaatagcag taagctttcc cattataata 720
tatttttgta tacaaataaa atttgaactg aaaaaaaaaa 760
```

```
<210> 4141
<211> 4090
<212> DNA
<213> Homo sapiens
```

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> similar to gi2130632 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4141

gtggcacaga	gaatgacagt	ggtggtcctc	aaagccagac	acttgccgaa	gatggatatc	60
accggtctct	caggtaatcc	ttatgtcaag	gtgaacgtct	actacggcag	aaagcgcatt	120
gccaaagaaga	aaacccatgt	gaagaagtgc	actttgaacc	ccatcttcaa	tgaatctttc	180
atctacgaca	tccccactga	cctcctgcct	gatatcagca	tcgagttcct	cgttatcgac	240
ttcgatcgca	ccaccaagaa	tgaggtggtg	gggaggctga	tcctgggggc	acacagtgtc	300
acagccagtg	gtgctgaaca	ctggagagag	gtctgcgaga	gccccgcaa	gcctgtggcc	360
aagtggcaca	gtctgagcga	gtactaatcc	tgttcttctc	tcctctaate	cccggggggc	420
aagctgggga	gggatgtgga	ggggaaaaag	atgacagaga	agtggactcc	aaacctcatt	480
ttagttgtag	aagaaaattt	cttacaaaac	aaattccaca	aagaacaccc	tatatgacca	540
cagctgcaga	tcagttctta	gcaatgatgt	ttttttttct	gctttgcaag	gcgctagaat	600
cttttatttt	actttatttt	ttttgaggtg	gagtttcgct	cttggtgccc	gggctggagt	660
gcaatggtga	gatctcaact	cactgcaacc	tctgccctcc	aggttcaagg	gattctcctc	720
cctcagcctc	ccaagtagct	gggattacag	gcacccacga	gcatgcccgg	ctaatttttt	780
gtattttcag	tagagatggg	tttcacccatg	ttggccaggc	tggtctcgaa	ttccagacct	840
caggtgatcc	acccgcctcg	gcctcccaaa	gtgctgggat	tacaggtgcg	agccaccgtg	900
cccggcctct	ggtttttgtt	tgtttttttt	ttttaatggg	ggacaaaaga	gagggaaaga	960
cccctataaa	atctatatat	aacaatgtaa	ccatatactt	gcatgtctta	atacaaactg	1020
aagaaattag	cctaactgcc	aatatcaagt	tggcagatgt	taatccatgg	aaattgtgtt	1080
ttgtgctgaa	ttgtattttg	tgattacctg	aaattggctt	ctttttattg	ggcttctctg	1140
ggaattttct	ccactcccc	acctctgcag	aagaaaattt	tgctcttata	aaacctcatg	1200
ttttcatcat	tcccatcttt	tctttttatt	gcctcttata	tctctgctct	ttgacctcaa	1260
ggtctagagg	tctgcagtaa	gccaaagaaac	aaaggtgggg	tggtatgagg	aaggtttgca	1320
ggagaaagag	gaattgagaa	atgggggtatt	tttgctatca	gctcttctgc	tatgaagtag	1380
taaaaggcag	tctataatta	actgacagac	ctaactgaag	cacagagaat	acatcagact	1440
tatgcatcca	agacatcaga	acttggaatt	tatcaaactt	gatgacttct	ctaaaaggag	1500
ctttggaaac	ttcaaattca	gctataggat	agtaccaatg	aacacatcca	gctgatccca	1560
aaagctgttt	tcaggtataa	ggacaaggag	aggagacaag	tgacgacagc	cattccccct	1620
tgcagctatc	tactgtagtg	acagccattt	cttggttgat	gggttggaag	tcacagaggg	1680
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<210> 4142

<211> 2679

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2680)...(1435)

<223> similar to gi55729 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 4143
<211> 4386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (112)...(1945)
<223> similar to gi4759365 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 4144  
 <211> 3482  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(2890)  
 <223> similar to gi3043728 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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cgcgcagtg gtcctcgacg tgaagcactt ccccatctgc atcttcggac actccaaggc 2880
caccttctag cccacccac cagggggccc acctcctgcc ccatgctgtg agggggcccag 2940
ctgcatttct gttaacattt cagtttacta cagagacaga cgcttaaaac acaaagagaa 3000
acagtcttaa gtatgaatgt gtcacaaacg tggaaactaa cgggggagct cctgccagga 3060
gccgaataac tgctctgctt attaaccgga acgttcggcc cggggctggg aagccagaag 3120
gacgatgctg agccatggat cgcggaaggc gtcctctggc ctgaggagcc acccagagcc 3180
tcacaggctg agttcttgcc tctgtgtcct gtccttctcg gaagtcagga ctctgcttcc 3240
tcagggagcc cggggaaggc ggagctcagt ggccacaggc cgagggccat gggggcgcctc 3300
agtcccggtt ggggtgtcct gaggttgagc tggggggggc cgtcctgccc gcctaagaga 3360
tgccccagc accgcacact cgtggttccc aataaactcc tgctgctggc ggaggtttta 3420
tagcagcaaa tatttttaat gcttttcaaa acatgtttta atgtagctgc ccaaaaaaaaa 3480
aa

```

```

<210> 4145
<211> 1774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1777)...(297)
<223> similar to gi2661090 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4145
tttttttttt ttgccttctt attttaatat gatcatgtct ctcactttac aaatttctcaa 60
aacatatggt tcccttttta catacatata taaacacttt taaacataaa tatcaaattgc 120
atgagaatca tatgggcaga taaatttagg aagccaagaa cacagaacga aaagccagtc 180
accagatctt acaaataatc atctaaactt ctctggccat tcaatttgat acattatccc 240
aaatattcca tgtcacatgg tccacaaggt tttcttttgg gattctgaag caatcaatag 300

```

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ccatacttgt cattaagatg ggttctgcca tctccacttt gaccttcagg tgggacccac 360
acacagtagt ctgggtcatc ttcaggatat ttggaagaaa gtgttggtgg aagtttgcct 420
ggaccagggtg ttttcttttt cttcaattca cctctgcttt tctcatattc attctttgat 480
gctgaggggtc ctgcgcacaa tgaagtgggt ttgctacagt cttgataatc tttattctgt 540
tcttcctcgc taagttgaga catgttttca tgggtttggg tttctttaaa atgtgtgaga 600
tctgtgggag gcctcatttc ctgcaactgt gcttctggct ctatctctgg ctgtggccta 660
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gggagttctg gacgcttggg gggtaaacttc cctactgttc cagtttttaa tttgaatttg 840
cttcctcctt tcatggcacc aaatagaggc aatgtaagct ttttagcttt gttttctgca 900
cctgtagtct gagtttcagt cttttttagt tctggaatct ctgctggctt tacaattttt 960
attaaccctt taagtctctg ttgttctttc ctcagttcaa aagttctcag gtgaagtttc 1020
ttccggggaca caccatctaa tgtactgcct gatttcattt ctgacatgaa cgcacataaa 1080
gaatcctgag atggagactc tgatagaact tggcctgagg ctttcaatct ctcagaaatt 1140
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ttctcatcaa tcttgccagc cttcttcatt ctgttcagac gcttcttctc aatcaggcca 1260
gtcctatcaa gaaatgtgtc atcatcacta tcataaaagt cttcatcttc ccagttcttg 1320
gctttccttt tccgagatac tgcttctctg cgaagcaatc ccaaagtgtc aagaatccga 1380
caagcttcca atgagcactg gatcattgct tcttttttct ttcttgagtg aatggcctca 1440
gccaccagtt gttttccagt tgaatcgtcc acaggtaatc tcaccctgca gagccaagtg 1500
ctatgtccct gttcatcaaa ttcataattc aattcttctc cttctcggtc aaaaaagcct 1560
tggagagcct ttttgggatc ctttatataa aaggcctccc tttcctgctg aaactctaag 1620
acaatagggg tctcttcagc atcatcctct actgcatctt ctcccattcc ccaggtgcaa 1680
cccattctcat catcttggt accagcattt atcttccttt cagaggtatc catttcctct 1740
tcttcatctg agtcttctcc tagcatcttc ttct 1774

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<210> 4146
<211> 1911
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1912)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(933)
<223> similar to gi2642187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 4146
gcggccgcca cagcccccca gacgacttgg gctccagctt ctaccgggag ctggggccct 60
acagctcccg ggaccccgaa gtgctgcggg acagtatgac ccagctcaag gaagccgcca 120
tcggcgctct ggtcctgtcc tggtagccac ctggcatggc tgatgataac ggggagccct 180
cagatgacct ggtgcccgcc attctggaca ccgcccacat gtacagcatc caggtggcct 240
tcacatcca accctacaag ggccgggatg acatcactgt acatgacaac atcaagtaca 300
tcattgacac gtatggctcc catggtgcat tttaccgcta taagaacagc atgggcaaga 360
gcctcccact cttttatata tacgactcat acctgacgtc ccctgaggcc tgggcccacc 420

```

```

tcttgacacc aaacggggccc cattcgatcc gcaacacgcc ctacgatggg gtcttcatag 480
cgctgctggg ggaggagggc cacacccacg atatcctggc cgccggattt gacggcatgt 540
acacctactt tgcctccaat ggtttctcct ttggttcttc ccatcagaac tggaaagctg 600
tgaagaactt ttgtgatgcc aacaacctca tgttcatccc cagtgtgggg cctggctaca 660
tagacaccag cattcgggccc tggaaacaacc acaatacgcg caacagggtc aatggcaagt 720
actatgagac ggccctgcag gcggccctga cagtgaggcc cgagatcggt tccattacct 780
ccttcaatga gtggcacgag ggcacccaga ttgagaaggc cattcccaag aagacaccca 840
cccgcctgta tttggactac ctgcctcacc agcccagcct gtacctggag ctgacacgcc 900
gctgggcgga gcacttcatc aaagagaagg agcagtggct catgtgaggg gcctgtaaat 960
gggcgtgagg tgctgatgtc cttgccttgc tggaaagatgt caccatgtgg gggtcagctg 1020
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gccgtcaggc atgggcctgt gcaacacaga gcccgttcct caagcgagtg gtgctgaggt 1140
gctctgtggg gatgggaacg gcagaggctg gcaggtgact gaacttagcc cagggcagct 1200
ccacatcctg ggaacacttt catgtaaccc cttctagtgt tgaactctgc agcaggctgg 1260
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gtcttctcta agttaggga ccatatttga gactttcaaa aagggaactt ctagggttaa 1440
gctcctccca gtagattcct gaacccaatt atcaggaaat catcctgagc actcacaggt 1500
tcatttaaca ctactcatc aagcaccttc ctatgtgcta ggtgctgggg aaaacttgac 1560
caaggaagag ttctgtcct gaagcttcca ggaccagct ttcttttct ggtgtggcct 1620
tgtagctagt gcctgggcac aggtgttttt ctttttgtag ttttacctag tgctgggagt 1680
tcagttcttt ttctctaga aaaataacct tgtgctccag agcctaattt tcccagatg 1740
catatttagc tctagggaga ggactaggag gaaatcccc tccctttagc tgcctgaact 1800
gactgaggcc cactcactag agccatgttc agtgctactg tgattagtag taattaaata 1860
tgaactggta ttctggcacg aggcctgtnn ncaagcttgg cgtaatgatg g 1911

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<210> 4147

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(166)

<223> similar to gil698601 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4147

```

cggacgcgtg ggctgtaccc ggcgttcgcc cagcctggcc aggagtgcta cctgcagaag 60
gagcctctgc tcttcagctg cgccggctcc aacaccaagt accgccggct ctgcccctgc 120
cgcgacttcc gcaagggcca ggtggccttg tgccagggtc gtctgtgaat ccgcctctgc 180
caccctgcct ggcacccacg ctggctctct cctgcgcggg gagaaagcac cagcaggttc 240
tgagccctgg ctgcttgtcc tctcgcaac cccccaggc cggagcttcc ttcttagcc 300
gggaagctgg cagaggagag ccgtgcccgg gaataggagg aggcagcatg ccgagcccct 360
gggacctccc aggcaggctc cggttctctc ctgggg 396

```

<210> 4148  
 <211> 3068  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3069)...(595)  
 <223> similar to gi5931916 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4148

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aaataccttt	aggaaaatct	aaagcaatgt	ttaaataatc	cttcctgcct	aaaacctaac	120
aggattttct	gatctaccat	gctacaaatt	tctacaagga	atgggcacct	ctatagagaa	180
aagggaatg	cagcctaagc	cctttgtaaa	gaactccaca	gcaataatat	tactaatcaa	240
atctattgct	tttattgttt	ttaagtaagt	ggtggtatat	gtcatctttt	taaatgtttc	300
ttttgggaag	atcttataga	aaatggcacc	ctgaaacttt	cagctctatg	tcccaaaaat	360
tatctttcaa	caatctgatg	aagtttctta	aagaaactct	taaaaatgaa	gataatatac	420
ctggcctaaa	tcaaaacaat	ctgaaaaatg	gatgtgtccc	agtggaaaga	ctcaagtctt	480
ttcaagttta	tcagaaatgc	cactatacac	cactgtacta	taagtcgagg	aggatggata	540
tccaaaggta	tcatttggtg	acagttcctg	atggtctcag	gtatatccta	taatcactgg	600
ttactatgca	tcatttcttg	tagataaatg	gtattcatgt	gataagctgc	catccaactt	660
ggatgtctct	gagcattcca	ataatatgaa	tgagaagcgg	cagcataata	ttcttgccat	720
gccctgtagt	aagctctcca	gtactcctca	taatcctgat	aggtatcaga	aaaactcaga	780
cgtattttccc	tatgacagtc	ataccaatca	tcttcctggg	cttcagtctg	caatctgaag	840
gaagaccgcc	tgggtaggtt	tctccggctc	tgcttagctc	tctggctagc	cccctcttta	900
agtcttgctc	tcactctggat	tccagggtgat	tcttgatatt	tctctggatt	gggggtgtca	960
cttccatttg	gtggttggtc	caaagaaata	cgatcatcca	caggcgtaga	tcagagtcct	1020
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gttcttgagc	tgtaagaatc	actgtcactc	tcagagtctc	cagattggct	actacttgcc	1140
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tggtgctgac	tgttggtgga	gttttcaacg	ggagtctgaa	cagaattctt	catttgctct	1440
tcggattgcc	tgtcacagcc	cagttctttt	ggtgacgttg	ctttttctat	gattccacat	1500
tctgagtggc	ttttcacagg	aagcttttgt	ttggtattat	tttttgattt	gactgatagt	1560
ccagatacag	aattattttc	agaggaagcc	atgtggtcac	catgagcttt	ctgaatttga	1620
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gtatatgctg	aagtctgcc	agggtacatt	atggccattt	ttaatttaca	gctaaaatat	1800
tttttaaaat	gcattgctga	gaaacgttgc	tttcatcaaa	caagaataaa	tatttttcag	1860
aagttatagt	tgtcttttag	tatgtgatac	taattaagat	tacttttgta	ttatcactat	1920
ttaaaagatc	ctagtaatat	attctttcaa	ataccatggt	atttggtacc	atcaccgatg	1980
aatacctcct	aggcttatcc	ctaaaaatgc	tcgctcagag	aattaattat	aaacttggtt	2040
tgTTTTtagt						2050

<210> 4150  
 <211> 4188  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(2777)  
 <223> similar to gi4240253 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4150						
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ctccagtgtg	ctccccagtc	ccttatccat	cagcaccoga	aacaggatga	ccttcctatt	120
tgccaacttg	aaagatagag	actttctagt	gcagaggatc	tcagatttcc	tgcaacagac	180
tacttccaaa	atatattctg	acaaggagtt	tcaggaagt	tacaacagtt	cagatgatga	240
ggtgtactct	cgaccagca	gcctcgtctc	ctccagcccc	cagagaagca	cgagctctga	300
tgctgatgga	gagcgccagt	ttaacctaaa	tggcaacagc	gtccccacag	ccacacagac	360
cctgatgacc	atgtatcggc	ggcggctctc	cgaggagttc	aacccgaaat	tggccaaaga	420
gtttctgaaa	gagcaagcct	ggaagattca	ctttgctgag	tatgggcaag	ggatctgcat	480
gtaccgcaca	gagaaaacgc	gggagctggt	gttgaagggc	atcccggaga	gcatgcgtgg	540
ggagctctgg	ctgctgctgt	cagggtccat	caatgagaag	gccacacatc	ctgggtacta	600
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ggatttacac	cgctcccttc	cagaacaccc	agcttttcag	aatgaaatgg	gcattgctgc	720
actaaggaga	gtcttaacag	cttatgcttt	tcgaaatccc	aacatagggt	attgccaggc	780
catgaatatt	gtcacttcag	tgctgctgct	ttatgccaaa	gaggaggaag	ctttctggct	840
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actggtggac	caaggtgtct	ttgaggagct	agcacgagac	tacgtcccac	agctgtacga	960
ctgcatgcaa	gacctgggcg	tgatttccac	catctccctg	tcttggttcc	tcacactatt	1020
tctcagtgtg	atgccttttg	agagtgcagt	tgtggttgtt	gactgtttct	tctatgaagg	1080
aattaaagt	atattccagt	tggccctagc	tgtgctggat	gcaaattgtg	acaaactggt	1140
gaactgcaag	gatgatgggg	aggccatgac	cgttttggga	aggatatttag	acagtgtgac	1200
caataaagac	agcacactgc	ctcccattcc	tcacctccac	tccttgctca	gcgatgatgt	1260
ggaaccttac	cctgaggtag	acatcttttag	actcatcaga	acttcctacg	agaaattcgg	1320
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taccattgat	gagctggaag	aactttatgc	tcttttcaag	gcagaacatc	tcaccagctg	1500
ctactggggc	gggagcagca	acgcgctgga	ccggcatgac	cccagcctgc	cctacctgga	1560
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tcaagatgaa	ccagattctg	cttttgaagc	aactcagtac	ttctttgaa	atattacccc	1860
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agaccccaat	gagcaggagc	tgtaccatgc	cacggcagca	gtgaccagcc	tctgtctgga	2160
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tattataact	tattaatctt	gctgttgagc	tgtatacatg	gtttaaaaaa	tagtactgtt	3120
taatgctaag	taaggacgca	gtcattttgtg	tattcaggct	ttttaaat	aattagagct	3180
gtaaggaaaa	tgaaaagcca	caaatgcaag	actgttctta	aatggaaggc	atagtcagcg	3240
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ttcatagaag	tctcttattc	aaaatcatat	ttccacagatg	ttccccttca	aagggaaaaac	3360
atltgggggt	ctaaacagtt	atgaaagtaa	gtgattttta	catgattcca	gaataacact	3420
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ttgaattctt	gcttcttttt	tattactgtt	atgattttgc	tttttacaga	tgttggacga	3960
ttttttcttc	tgattgttga	attcataatc	atggtctcat	ttccttttgt	tctttggaat	4020
atlttctttca	acacattcct	ttatltttatt	atacattgtg	tctttttttt	agctattgct	4080
gctgttggtt	tttattctat	ttacaggatg	atlttttaaac	tgtcaaatga	agtagtgta	4140
acctcaata	ggctaaatgt	gaacaaataa	aatacagcaa	atactcag		4188

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<210> 4151
<211> 1615
<212> DNA
<213> Homo sapiens
```

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<220>
<221> misc_feature
<222> (1)...(1616)
<223> n = a,t,c or g
<220>
```



<221> misc\_feature  
 <222> (6)...(460)  
 <223> similar to gi289757 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4151

aaaaagttcc	agaggaatac	tttaagcatg	atcctgagca	caaatttatt	tacagatttg	60
ttcgtactct	tttttagtgct	gcacagctaa	cagctgaatg	tgcaatagta	acttttggttt	120
acttagaaaag	gcttttaact	tatgctgaaa	tcgacatttg	tcccaccaac	tggaaaagga	180
ttgttctggg	agccattctt	cttgcctcca	aggtttgga	cgatcaggct	gtatggaatg	240
tggactactg	ccagatcctc	aaggacatta	cagttgagga	catgaatgaa	atggaaaggc	300
attttctgga	gcttcttcag	tttaatatata	atgttcctgc	cagtgtttat	gccaaatact	360
actttgacct	tcgctcctta	gcagatgaca	acaacctgaa	ttttctattt	gctcctctta	420
gcaaagaaaag	agcacagAAC	ctagaggcta	tttctagatt	gtgtgaagac	aaagacttgt	480
gtagagccgc	tatgagaagg	tctttcagtg	ctgataactt	cattgggtatt	cagcgctcta	540
aagccatcct	ctcttaaaag	gagaaatgag	gggttataac	gtcatgggac	cttcatctac	600
aaagactgga	gaaataccac	ctttcctgct	caaaaaccag	caaaattagt	gttttcatca	660
aaaggaaaga	tctcaaattc	aagagactca	tggacaacaa	ggattatact	ccacaggaaa	720
gaatgggacc	ttgtcaatgc	aacaaaacac	tcttctgtcc	tttttaatgt	aaacagagtt	780
acaaaaacca	ctccaaagtg	aaggctccca	tcctacacac	agataattgc	ttactgtgtg	840
ggccgatagc	tgtgaactca	tgttaagggtt	tttaacaat	agtttaaatt	tttagacttt	900
aaagacacta	accatataac	ttttatgttt	cttccagttt	ctctccctcc	ccccgcattt	960
tgtgtcatat	gccttttaaaa	tcaatgcagt	attaccatta	aaacatggga	ctctaactaa	1020
agccacttag	gagcagacag	cagcgttggt	aggtagttaa	gggttccttc	tccctactgt	1080
taccattgaa	gctgctagtc	attggcaatc	attttaaacc	aaaaagctgc	tggataacat	1140
ttgtcattca	tattctttgc	aagcattact	ttagcatttt	agcatgtttg	gggtcataaa	1200
cagaggaaagt	atcagttatt	gatatctact	tctattggag	tccatgttgc	atttcttgtg	1260
aactataaat	ggtgcttctc	attttctgat	aatttttctc	ttgctaataa	aatgtattaa	1320
aagatatttt	cataatgccA	accaacatgg	tggttcagtg	acgatgagaa	aaagtgaagc	1380
agttttaagc	ttgaatatag	tttgggccct	ccaaggcact	gcagcatgag	tataaatgct	1440
ataaaccttt	aaaaaacatg	atttgaaagt	tttttgtttt	gttttgtttg	ttttaagng	1500
ngggggctat	gccgccncnc	ttgccaggc	tggagtgcag	tggcttttca	caggtgcaat	1560
cattgtgcac	tcactgcagc	ctagaacttn	ctggtctcaa	gccatcctct	agcct	1615

<210> 4152

<211> 3046

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2852)

<223> similar to gi5456910 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4152

atgttggttct	cctggcgaga	agatcctgga	gccagtgcc	tgtgtctttc	tcttctgctc	60
-------------	------------	------------	-----------	------------	------------	----

ctcgcagcct	cggaggtggg	gagcggccag	ctccactact	ccgtctctga	ggaggccaag	120
catggcacct	tcgtgggccc	catcgcgcag	gacctggggc	tggagctggc	ggagctgggtg	180
ccgcgcctgt	tccgggtggc	gtccaaaaga	cacggggacc	ttctggaggt	aaatctgcag	240
aatggcattt	tgtttgtgaa	ttctcggata	gaccgcgagg	aactgtgcgg	gcggagcgcg	300
gagtgcagca	tccacctgga	ggtgatcgtg	gacaggccgc	tgcaggtttt	ccatgtggag	360
gtggaagtga	aggacattaa	tgacaacgcg	ccagtttttc	caatggctgt	aaagaatctg	420
tttatttccg	aatccccgaca	gcctgggtct	cggttttcgc	tagagggcgc	atcagatgca	480
gatatcgga	caaatctcgtt	gttgacttac	agtcttgatt	ccactgaata	ttttaccttg	540
gacgttaaaa	gaaatgatga	ggaaaattaa	tcccttgga	tcgtgttgaa	aaaaaattta	600
aatcgagagg	acactcctaa	gcattattta	ctaataacag	caattgatgg	tgggaaacca	660
gagctcactg	gcacgactca	actaaagatc	actgttttag	atgtaaacga	caacgccccca	720
gcgtttgaga	ggacgatcta	taaagtcaga	ttactcgaaa	atgcaccaa	tggtagccta	780
gtggtgaccg	ttaacgccac	cgatttggat	gaaggagtaa	ataaggatat	cgcgtattct	840
ttcaatacgg	acatgtcagc	agatatctctg	tcaaaattcc	atttagatcc	agtaaattgga	900
caaatacagtg	taaagggtaa	catagatttc	gaggaaagta	agtcataatga	agtcaggta	960
gaagccacgg	ataaaggaaa	tcccccaatg	tcagatcact	gcacagttct	actcgaaatt	1020
gtggacatca	atgataatgt	acctgagtta	gttattcaat	cactatcttt	acctgtatta	1080
gaagactctc	cacttagcac	agtcatcgcc	ctgatcagcg	tgtccgaccg	cgactcagga	1140
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ttcaagaatt	actactcatt	ggtgctggac	agccctctgg	accgcgagag	cgtgtcggcc	1260
tatgagctgg	tgggtgactgc	tcgggacggg	ggctcgctt	cactgtgggc	cacggccagc	1320
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gagcgcgcgt	tgtcgagcta	catttcgggtg	cacgcggaga	gcggcaagg	gtacgcgcgtg	1560
cagccgctgg	accacgagga	gctagagctg	ctgcagtttc	aggtagagcg	gcgcgacgcg	1620
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aacgcgccgg	cgctgctggc	gcctcgggtg	ggtggtactg	gtggcgagct	gagcgagctg	1740
gtgccgcggt	cactgggtgc	gggccaagtg	gtagcgaagg	tgcgcgcag	ggatgcagac	1800
tcaggctaca	acgcgtggct	ttcgtatgag	ctgcagcctg	ggaccggcgg	tgcgcgcac	1860
ccgttttcg	tggggctgta	cacgggagag	atcagcacga	ccgtgccc	ggacgaggtg	1920
gacgccccgc	gccatcgcc	actgggtgctg	gtgaaggacc	acggtgaacc	ctcattgacc	1980
gccacggcca	ctgtgctggt	gtcgctgggtg	gagagtggcc	aggcacccaa	ggcctcgtcc	2040
caggcgctccg	ctggcgccac	gggcccggaa	gctgcaactg	tggatgtcaa	cggtgacttg	2100
atcgctcgcca	tctgcgcggt	gtccagctctg	ttggtgctca	cactgctgct	atatactgct	2160
ctgcggtgct	ccgcgcgcgc	aaccgaaggc	gactgtgggc	cgggcaagcc	cacgctggtg	2220
tgtccagcg	cggtggggag	ctggtcatac	tcgcagcaga	ggcagcagag	ggtgtgctct	2280
ggagaggggt	tgcccaagac	cgacctcatg	gcttttagcc	ctagccttcc	tccttgcca	2340
attagccggg	atagagagga	gaaacaggat	gtggacgttg	atctctcagc	caaaccacga	2400
cagcccaacc	ctgactggcg	ttactctgcc	tccctgagag	caggcatgca	cagctctgtg	2460
cacctagagg	aggctggcat	tctacgggct	ggtccaggag	ggcctgatca	gcagtggcca	2520
acagtatcca	gtgcaacacc	agaaccagag	gcaggagaag	tgtccccctcc	agtcggtgcg	2580
ggtgtcaaca	gcaacagctg	gacctttaaa	tacggaccag	gcaaccccaa	acaatccggt	2640
cccgtgagtg	tgcccagaca	attcattatc	ccaggatctc	ctgcaatcat	ctccatccgg	2700
caggagccta	ctaacagcca	aattgacaaa	agtgacttca	taaccttcgg	caaaaaggag	2760
gagaccaaga	aaaagaagaa	aaagaagaag	ggtaacaaga	cccaggagaa	aaaagagaaa	2820
gggaacagca	cgactgacaa	cagtgaccag	tgaggctctc	aaatggaaac	aagccactta	2880
gccagttttt	gtaataatgg	caaatctctc	ccatgtagca	attccctgct	cctttttcct	2940
atctacatga	gccctcttag	agacctcaga	aatctgcaga	aagttccctg	tgtctgtttt	3000
gggacgcatt	taacagggtt	tgtcgtaaaa	gctttactaa	gtctgg		3046

<210> 4153

<211> 584

00000000000000000000000000000000

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<210> 4154
<211> 1833
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> similar to gi285995 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

2875

ccaatgtaaa	caaattaact	aaggaaatat	ttcaatctct	ttgtgttcag	aactcgttaa	900
agcaaagcgc	taagtaaaaa	tattaactga	cgaagaagca	actaagttaa	taataatgac	960
tctaaagaaa	cagaagatta	caaaagcaat	tttcatttac	ctttccagta	tgaaaagcta	1020
tcttaaaata	tagaaaacta	atctaaactg	tagctgtatt	agcagcaaaa	caaacgacat	1080
ccaattgtca	tgctgcatgc	aaaactacac	agaattcatg	ttttgcagag	ttttgccaaa	1140
atgagtaatc	atataatatt	tactgtaatt	tttaaaatac	attatcgttc	acaattttat	1200
tttttcataa	tcaactaagg	aagaacgatc	aattggatat	aatcttctta	ccaaaaatga	1260
tagttaaaat	gtatatatat	cctagtcccc	taaccaaatac	ctgacctatt	gggatactta	1320
taaaaattta	agtaagtggg	atacaciaag	aataataact	attaactttt	cattatttagc	1380
aaaaacctaa	gggattttaa	ctaattgaaa	ctgtatttgt	ttggacttaa	ttttttatgt	1440
ttatttagaa	gataaagatt	taaagaagac	ctttacaata	aagagaagaa	atatcgaagt	1500
cattaaaata	aggagactta	cttttatgac	attctaatac	taaaaaatat	agaaatat	1560
ccttaattct	agagaaacta	gttttactaa	ttttttacaa	cttcaataat	accatcactg	1620
acacttacct	ttattaatta	gcttctagaa	aatagctgct	aattagggtta	atgaacattt	1680
taccttagtg	aaaaaaatta	attaaatatg	attacaaagt	tgacacagcat	aactactgag	1740
aggaaagtga	ttgatctgtt	tgtaattact	tgtttgtatt	ggtgtgtata	aaatacaaaa	1800
tttacattaa	actctaaatc	attaaaaaaa	aaa			1833

<210> 4155  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(127)  
 <223> similar to gil246757 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4155						
aataaagaga	accgagaggc	acaaatggct	gccaaactgg	aacgttttgcg	agagacggat	60
aagcacattg	aagaagtgcg	gaagaacaga	gaatccaaag	accctgctga	cgagactgac	120
gctgactagt	tcgttctaga	gaactgactt	tctccccata	cgtttcctaa	atatccacag	180
actgtactgg	ccaatgtcat	attattgttt	cctgctgac	tgatatttga	gaagctagtg	240
ataggactgc	ataagtagat	ccagatccag	actgtactat	gccgtgccat	gggctaattg	300
ggagaaactg	atagagatta	actctttttc	taaagcggtg	gtcttttctaa	tgtaactatt	360
ttgcttgatg	catcttttct	acttgaggat	catcatctct	ttagntgtta	n	411

<210> 4156  
 <211> 1475  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (232)...(1221)

<223> similar to gi4567068 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4156

cccacgcgtc	cgcgccgacc	aagatggaga	ctgccgagca	gccttgagcc	gttgagcagc	60
tgaacagagg	ccatgccggg	gcactccgag	gcctgagacg	accacgcctg	tgccgctgag	120
gaccttcac	agggctccgt	ccacttggcc	cgcttggctg	tccaatcaca	ctccagtgtc	180
aacctactgg	acccagcagc	caagagaggt	gtggcggtgg	cctgggggacg	catggctgag	240
gcaggaacag	gtgagccgtc	ccccagcgtg	gagggcggaac	acgggacgga	gtatgacacg	300
ctgccttccg	acacagtctc	cctcagtgac	tcggactctg	acctcagctt	gcccgggtggt	360
gctgaagtgg	aagcactgtc	cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	420
gagccgccct	cacccccgtc	aggcctcctc	ccagccacgg	tgacagccatt	ccatctgaga	480
ggcatgagct	ccaccttctc	ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	540
gccagacggg	ctccatcctc	tgtggcccac	accagcatga	gtgacaacgg	aggcttcaag	600
cggcccttag	cgccctcagg	ccggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	660
cctgcctcac	caagggtgcc	tccggtcccc	gactacgtgg	cacaccccg	gcgctggacc	720
aagtacagcc	tggaagatgt	gaccgaggtc	agcagcagca	gcaatcaggc	caccgcccctg	780
gccttccttg	gctcccagag	cctggctgcc	cccactgact	gcgtgtcctc	cttcaaccag	840
gatccctcca	gctgtgggga	ggggaggggtc	atcttcacca	aaccagtccg	aggggtcgaa	900
gccagacacg	agaggaagag	ggtcctgggg	aaggtgggag	agccaggcag	gggcgggcctt	960
gggaatcctg	ccacagacag	gggcgagggc	cctgtggagc	tggcccatct	ggccggggccc	1020
gggagcccag	aggctgagga	gtggggcagc	ccccatggag	gcctgcagga	ggtggaggca	1080
ctgtcagggg	ctgtccacag	tgggtctgtg	ccagggtctc	cgccggtgga	aactgttggc	1140
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gacccaggtg	ctgaggtctg	agagggagat	ggcccgacct	gacccactg	gccactgcca	1260
tcctgctgcc	ttcccagtg	ggctggctcag	ggggcagcct	ggccactgcc	tagctggaat	1320
gggaggaagc	ctgcaggtgg	caccggtggc	cctggctgca	gttctgggca	gcacccctcc	1380
aagcagagac	cttgctgaag	ctcctggggg	gtggggtgtg	ggctggaagc	actggctccc	1440
tggtaggggc	aataaagggt	ttgggtcttt	ctgaa			1475

<210> 4157

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (774)...(656)

<223> similar to gi5817183 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4157

taaaaatcct	ggtagaacag	gcctgggtctc	tttagaaaagt	caatgacaca	ggggaaaaat	60
aataggtgga	aagttttaca	ttaagagact	aaagaaatat	aactaaatga	aatgcacgag	120
ccttgactga	atcctgggttc	aaaaacaaat	atthttgggga	acatctaattg	tggactagat	180
atcatatgat	actgaataat	gtttaattat	cttcaatgca	atgacattgt	attacataag	240
aaaatgtctt	tatcttagga	gatgtttgat	gaagtattta	ggaatgaagt	gtcctgatgc	300
ctgcaatttc	ctttaaaatg	tccaacaaaa	aataggtaaa	acaaatacga	cacaagggtta	360
acaattacta	aatccactcc	tctgtgcatg	tgaaattttt	ccatcataaa	aatatgggag	420
aaattcttat	tgagtaagtt	tgtgtttccc	agatctcatg	tcaggttttca	gggcatttttc	480
ccaataactca	tgctataaac	tacacagaga	aacttgaaca	gaaaagttaa	gatgtgtaac	540
ccaaagcagg	gttaagtgga	agacatggat	gggctcggcg	tggtctttct	ggaactgcag	600
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aagtggacag	agccctggag	gagtctgctg	tcgtacaaag	gacagaaatt	catactctgc	720
ctgctgcaat	gtaattgtac	tctccttcac	tgcttggtga	aggccagact	gcaagagaga	780
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aatttcactt	ttaaaatggg	caaataataac	cacaaataga	ccatttttag	agctcaagtt	900
caaattgcaa	ctgccatctt	tgcaccattt	ttttttcttc	aagaatccaa	gc	952

<210> 4158  
 <211> 1507  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1508)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (6)...(934)  
 <223> similar to gi484102 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4158						
agcagctgct	ccaggagaag	gcagctttcc	gggagctgat	cgcgagccta	gagctcgacc	60
ccaagtgcag	ggggctgccc	ttctcctcct	tcctcatcct	gcctttccag	aggatcacac	120
gcctcaagct	gttgggtccag	aacatcctga	agagggtaga	agagaggtct	gagcgggagt	180
gcactgcttt	ggatgctcac	aaggagctgg	aatgggtggt	aaaggcatgc	aacgagggcg	240
tcaggaaaaat	gagccgcacg	gaacagatga	tcagcattca	gaagaagatg	gagttcaaga	300
tcaagtcggt	gcccatacat	tcccactccc	gctggctgct	gaagcagggt	gagctgcagc	360
agatgtcagg	ccccaaagacc	tcccggaccc	tgaggaccaa	gaagctcttc	cacgaaattt	420
acctcttcct	gttcaacgac	ctgctggtga	tctgccggca	gattccagga	gacaagtacc	480
aggtatattga	ctcagctccg	cggggactgc	tgctgttgga	ggagctggag	gaccagggcc	540
agacgctggc	caacgtgttc	atcctgcggc	tgctggagaa	cgcagatgac	cgggaggcca	600
cctacatgct	aaaggcgtcc	tctcagagt	agatgaagcg	ttggatgacc	tactggccc	660
ccaacaggag	gaccaagttt	gtttcggttc	catcccggt	gctggactgc	ccccagggtcc	720
agtgcgtgca	cccatacgtg	gctcagcagc	cagacgagct	gacgctggag	ctcgccgaca	780
tcctcaacat	cctggacaag	actgacgacg	ggtggatctt	tggcgagcgt	ctgcacgacc	840
aggagagagg	ctggttcccc	agctccatga	ctgaggagat	cttgaatccc	aagatccggt	900
cccagaacct	caaggaatgt	ttccgtgtcc	acaagatgga	tgaccctcag	cgcagccaga	960



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ctctagagtt	tcagcttcag	gttctttttt	aggtgagtaa	gggtaagact	acattataag	1440
gtgatgttca	cttcttttat	caagaagcac	ataatgtctg	gttgtcttta	atthttgtagg	1500
cttagctgac	attaatgttt	catgcctgga	tgcatatttt	catcagtgg	tgcaaattgt	1560
tgatactctg	gttttttctc	cctcacttat	ttttcagctg	tactgcttct	ataaagaaaa	1620
atttccccctt	ctactattttg	gttacctagt	gctgcattta	tatagaaaag	gcgggataaa	1680
tattcttgct	cttatcagtt	ttaatataat	gtattccacc	tctagcaacc	ttcattgtaa	1740
ccaattagct	ttttcccat	tcttgttttt	cgagagtggg	cctcattctt	ttgtccaagc	1800
tgagtgcaat	catggctcac	tgcaatctcg	acttcctggg	ctcaagcaat	tctcctgcct	1860
cagcctcca	agtagctggg	actacaggct	tgaccacat	gcccggctaa	tttttgatta	1920
ttttagtaga	caggatctca	gaattccacc	acgctgngta	gagagcaggc	aatcag	1976

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<210> 4160
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(393)
<223> similar to gi758593 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4160	
tgaattcccc	cgtctccctg accccaatgt ggtcttcccc ccaaccccaa ggcgctggaa 60
cactcagcag	gactctacct tggagagacc caagactctg gagtttctgc ctcgcccgcg 120
tccttctgcc	aaccggcaac ggctggaccc ttggtggttt gtgtcccca gccatgcccg 180
cagcacctcc	ccagccaaca gctccagcac agagacgcc agcaacctgg actcctgctt 240
tgctagcagt	agcagcactg tagaggagcg gcctggactt ccagccctgc tcccgttcca 300
ggcagggccg	ctgccccga ctgagcggac gctcctggac ctggatgcag aggggcagag 360
tcaggacagc	accgtgccgc tgtgcagagc ggaactgaac aca 403

```

<210> 4161
<211> 1209
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(244)
<223> similar to gi30009 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 4161
attaggcctg ctgttttagtg taataaaaaac ataggccttta aacactgtaa actgtaaaat 60
aaatcctttca gggatgttaa attagaagac acctactttg atagagatgt ggagaaggca 120
tttatgaagg ctagctctga actcttcagt cagaaaacaa aggcattctt acttgatatca 180
aatcaaaatg gaaatatgta cacatcttca gtatatggtt cccttgcatc tgttctagca 240
cagtaagtat aaatttcacc tactacttaa ctccccttat ttgggagatg ttagatttct 300
aagaccaaat ctagtgtcaa gcatgttggt ggtagatcac agaaaatttt atcttgaggc 360
tctctaactc gctattgtcc attgacttga aagatgtatg ggttgaggct acagttcttc 420
cagaagtatt tgtaatttc atactggctt tcctggcttc tgttttcatg gttttttaat 480
tcttgacctc cagttgaacc ataaatacct ggttgatgaa gtaacttggt ttgtggcatg 540
actttcacaa gctctgtcat tccccacaag atgaaaactc acatgctgca atattaaaac 600
taagttatat tccctactgc aatattaaca ctttgagtta gatccttaaa actttaagtt 660
agattctact tttacttata gcctaaattt tattgttaca ccctacatag gtactcacct 720
tgtagctttg gatcagttaa acttctgaac ttttcttatg gttctggttt ggctgccact 780
cagcaattag cagggaagag aattggagtg ttttcttatg gttctggttt ggctgccact 840
ctgtactctc ttaaagtcac acaagatgct acaccgggta agtgctgaat ctttcaacaa 900
gaatgtattg agaactgagt ccaggcacag tggctcacac ccgtaatccc agcagtttgg 960
gagggccgagg cgggcagatc acctgaggtc aggagtctga gaccagtctg gctaacatgg 1020
ctgaaacccc atctctacta aaaatacaaaa aattagccag gtgaggtggt gcatgcctgt 1080
agtcctagct acttgggagg ctgaagtagg agaatacatt gaatccagga gagggagggt 1140
gtggtgagcc aagatcacac cactgtgctc cagcctgggt gacagagcga gactctgtca 1200
aaaaaaaaa 1209

```

```

<210> 4162
<211> 718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(525)
<223> similar to gi3875032 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4162
caggattcgt gtatttaact attattatatt ggcctcacat caccagactg atgcttatag 60
ccttcttttc agtggcatgc tattttgccg tttgacacct cctttatgtc ttaatttctt 120
gggtttgacc catatggatt catctatctc tcacaagaat actcaaccaa ctgcttatac 180
atctattatg ggttccatga aagttttatc ctttattgca gatggattct atatatatta 240
tcctatgttg gtggttaattc tctgcattgc tacttatttt agtttgggaa cccgttgttt 300
gaatctgctc ggtttccagc agtttatggg agatgatgat atgacatcag acttagttaa 360
tgaaggaaaa gaattaatca gaaaagagaa gagaaaaagg caaaggcaag aagaaggtga 420
aaatcgaaga agagaatgga aagaacgtta tggacacaat agagaagatt ccactaggaa 480
cagaaatatt catactgacc ccaaagagtc aaacttctca gatgttaata ccaaccgttc 540
tgcatcctaa tataccaggg ctaataacag gactgaaaagg gaccggatag aacttctcca 600
agatgcagaa cctttggatt ttaatgcaga aacattcact gatgatcctc ttgaatctga 660
atcaggaagg tatcagcctg gtggacgata tctctcgatg tctcgcatg acatattt 718

```

<210> 4163  
 <211> 1382  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1383)...(694)  
 <223> similar to gi5305403 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4163  
 aagattgagg cccaatttaa ccccttttta caaactgtgt ccttgggcag atttttttgt 60  
 ttcatagggg gaaagcccct gttccctcca gcccccgagg gtaaggggcc cgccagttgt 120  
 tcccccccca aaaaattaaa aaaccttttg tttttttttc aagggttttc tttttccaaa 180  
 gtatcccctt taaataagaa gcctttgagg gtccaaggat ccaacggggt tttttttttt 240  
 tttctcagct tgaaaagagg ctggaaatgg gatgcagggt aggttcaaag cttaaccttt 300  
 gtaacaactg gacacaaggt tcctcagaat tgtcaaaagt ctcttgtagac acatcctaca 360  
 accttttctc aataaacaac aatatatgaa ataattacca aaacatctcc taattcatat 420  
 aattttacatg atataagctt gcttgataac agctgggtgt cagtcgtgaa aaaacacaca 480  
 aagtaaaatg gttgctgact acaatgtaca gctattgctg ggtgtgatgg aatgtacaaa 540  
 cggagggtcga tgtagacgag ttttttccac cagagatatt gcctttccat gcagcacttg 600  
 tgctctcagc ttttaacttg ctttttggtt ttccttttate ttcagtatct gttctgatgc 660  
 tcataatgcc accgattaaa atctatatta aaagctacaa tgctaccaga agccatgcca 720  
 gtgatcagag tcctctgggc atgggacaag tcatttgctc taatgccagc atcacatcca 780  
 gggtaaatgt acagttgctt gaagtcacag gcctgccaga cctctactac cccattgtcc 840  
 cctccggtga ccaggttctg gccgtcactg ctcaggagaa tggcccgtgt tgaatcattg 900  
 atctccattt gagccaaaag tttcccatata atgctgaaat tactgaatcg ccctcgttca 960  
 tagtatatga tacagtggcc ttcgctggag acagatatca agcgtgggaa taagcagttt 1020  
 tctggtcctt caagggtctt cagcaaatct ccagtgatgg tgtggacaag gcaaggggccc 1080  
 tcttttagcac cactgataac aagcccaagt tctgcacaga cagaaacaca gacaacttca 1140  
 tggatcatggc ctgtgaggac ggctcttggt gccggatagt cactgctgtt agggttgtct 1200  
 cctatgatat ggtgccgccc actccagtac cagagcagca ggggtggcatc tcgagatccg 1260  
 gacacgatgt agcagtcacc accaatgtat gactcggacc tggccaagca agtgaccaca 1320  
 tccaatggc caaatacaat ctgagtcaat ttcctgttt ctgtagaata aactctgaag 1380  
 ct 1382

<210> 4164  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> similar to gil77872 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<223> similar to gi4490304 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4166

```

tttttttttt ttgggctaga ggtttgggct ttaatggcag ctgggggtaaa aggaaacaaa      60
aacagtaatt ctgaagagca cagggaacag gcagccagga ccagcctggc ccattccagg      120
ccagctgagc tgaaatgctg attctgtcca gggggctgct gtatgtgtag actggtggca      180
gtcttgggga ctgaggcctc ttggagagaa gggaagactg tcggctcaga agtccatgga      240
gctgtgggga aggtagtcct tgcgaccgat gttgtgacc tgcttgggtc gcatagcctc      300
gagtttgggg cagtcagtga tccgatgacc caggcccccg cagaaggcac agccgcgctc      360
tcctccaatg tccagcatgg actcatcccc gcaatgcagc acctgcagca cgggcggcac      420
cttctgcttg gcttctagca gcagcgcttt gaggtccatc agcactgact catcacacgc      480
tttgttgatg aaggtagtgg cgatgcctgt gtttcccagc cgcccgggtg ggccaatccg      540
gtgtacatag ttctcaatct cctctggcat gtcataattg atgacgtgct ggatggcagg      600
gaagtccagg cccttggagg caacgtctgt ggctactagg acatccttct tgccctcccg      660
gaatgcctcg atggccttag tccgttcctc ctgggtcttt ccccatgga tggctacggc      720
ctcaaccccc ttgagcagca ggtactcgtg gatggcgtcc acgtctgcct tcttctctgc      780
aaagatgagt acaggcgggg gtgtcttctg caggcactcg agcaggtaca ccatcttggc      840
ctcctccttc acatattcta cctcctggat gacatccagg ctggcagccc cagcgcgccc      900
cacattgatg gtcacaggct ttacaagggc actcttagca aagttctgaa tcttcttcgg      960
catggtggca ctgaagagca ggggtctgtc ctggcccttg aagtaggaga agatggtacg     1020
gatgtcaccg tcgaagccca tgtcgatcat gcggtcagcc tcgtccaggg ccaggtagcg     1080
acagatgtct aggtgacca tcttcttctg cagcaaatec atgaggcgcc ccggggtggc     1140
caccatcatg tgtacaccgt gtcggtgggt ctccatctgc tctttcacgg acatgcccc     1200
aatgcagagg gcgcagcgca ggagtgggtg gctgtcctcc tgcagcaggc ggcagtagta     1260
ctccaggatg ccattgggtc gccggggccag ctcccgcgag gggcagatga tgagtccata     1320
gggcccctcg cgctttgaga agggtaacct ctctcttgtg tccaggcaga acatgatgac     1380
gggcaacgtg aacaccagtg tcttgacctg acccgtgaaa gcgatgccta tcatgtcacg     1440
gccagataga atggtgggga tgccctggat ctgaatgggt gttgggtggg gaatgccttt     1500
cttcttcagg cctctcagga tggctgcagg aaacttcatt tccttgaagc tcttgatggg     1560
tgggtgggata cgtctccct ccaccaggat gtggtatttc ttccgcacgc gctcatgtcg     1620
ctcttcagac atgctcagaa cataacgggg tggagtccag ctgggttttg tgggggtcatc     1680
a                                                                                   1681

```

<210> 4167

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(376)

<223> similar to gi3800830 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4167

```

atcgagacca cccagcccag tgaggacacg aatgccaaac gtcaggacaa cagcatgcaa      60

```

cctgagacaa	gcagccagca	gcagctcctg	agccccacgc	tgtcggatcg	aggaggaagt	120
cggcaagatg	cagccgacgc	agggaaaccc	cagaggaaat	ttgggcagtg	gcgtctgccc	180
tcagccccaa	aaccaataag	ccattcagtg	tcctcagtc	acttacggtt	tggaggaagg	240
acaaccatga	aatctgtcgt	gtgcaaaatg	aaccccatga	ctgacgcggc	ttcctgcggt	300
tctgaagtta	agaagtgggtg	gacccggcag	ctgactgtgg	agagcgacga	aagtggggat	360
gaccttctgg	atatttaggt	ggatgtcaat	gtagatgaat	ttctagtgg	ggaaaccgtt	420
ttctaataat	gtccttgatt	gtccagtgag	caatctgtaa	ttgatctata	actgaattcc	480
agcttgtcac	aagatgttta	taaattgatt	ttcatcctgc	cacagaaaagg	cataagctgc	540
atgtatgatg	ggttactatc	aatcattgct	caaaaaaatt	tttgtataat	gacagtactg	600
ataatattag	aaatgatacc	g				621

```

<210> 4168
<211> 1282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (215)...(846)
<223> similar to gi486509 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4168						
aggggacg	acgcggaaga	tgactcaggg	cccactttga	acctcctggg	tacttgagca	60
agctcaagg	tggtcggacc	tctagggaga	cggtgcatca	cgcagtttgg	aaagaacttg	120
ggaattctcc	ctggggggct	cgctgtat	actgggaact	agtcttgacg	gaaggcttat	180
gtacagaagt	acgtcgtgaa	gaattatttc	tactattacc	tatcaatttt	cagctgcttt	240
gggccaagaa	gtgttctaca	tcacgtttct	tccattcact	cactggaata	ttgaccctta	300
tttatccaga	agattgatca	tcatatgggt	tttgggtgat	tatattggcc	aagtggccaa	360
ggatgtcttg	aagtggcccc	gtccctcctc	ccctccagtt	gtaaaactgg	aaaagagact	420
gatcgctgaa	tatggaatgc	catccaccca	cgccatggcg	gccactgcca	ttgccttcac	480
cctccttatc	tctactatgg	acagatacca	gtatccattt	gtgttgggac	tggatgatggc	540
cgtgggtgtt	tccaccttgg	tgtgtctcag	caggctctac	actgggatgc	atacggtcct	600
ggatgtgctg	ggtggcgctc	tgatcaccgc	actcctcacc	gtcctcacct	accctgcctg	660
gaccttcac	gactgcctgg	actcggccag	ccccctcttc	cccgtgtgtg	tcatagttgt	720
gccattcttc	ctgtgttaca	attaccctgt	ttctgattac	tacagcccaa	cccgggacgga	780
caccaccacc	attctggctg	ccggggctgg	agtgaccata	ggattctgga	tcaaccattt	840
cttccagctt	gtatccaagc	ccgctgaatc	tctccctgtt	attcagaaca	tcccaccgct	900
caccacctac	atgttagttt	tgggtctgac	caaatttgca	gtgggaattg	tgttgatcct	960
cttgggtcgt	cagcttgtac	aaaatctctc	actgcaagta	ttatactcat	ggttcaaggt	1020
ggtcaccagg	aacaaggagg	ccaggcggag	actggagatt	gaagtgcctt	acaagtttgt	1080
tacctacaca	tctgttggca	tcggcacaaa	ggttgtagcg	cagatgcca	cagatgtgta	1140
ggtaaccttt	gtgccgatgc	ttcacagggt	tctgggatta	ccctgagtc	caaacagttg	1200
gaaactagcc	cactggacat	gaaagccaag	acataggaaa	gttattggta	ggcaaatctt	1260
gacaacttat	ttttcttta	ca				1282

<210> 4169  
 <211> 2207  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2208)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(1612)  
 <223> similar to gi5689453 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4169

cgaagcatct	gcacttttgt	atcttttggat	gagaaacagc	tttgagtata	ccaaaaggaa	60
accctttttg	aggacacatc	tacagataat	aattgctgta	agccaactga	tagctgatgt	120
agcactaagc	ggaggatcaa	gatttcagga	gtctttattc	attatcaata	attttgcaaa	180
tagtgacaga	cctatgaagg	caactgcctt	tcccgagaa	gtcaaagact	tgaccaagag	240
aatccgcact	gttcttatgg	ccactgccca	aatgaaggag	catgagaaag	accctgaaat	300
gctaattgat	ctccagtata	gcttagccaa	gtcctatgca	agcaccaccag	agctcaggaa	360
aacctggctt	gatagcatgg	ccaagattca	tgtaaaaaat	ggagattttt	cagaggctgc	420
gatgtgttat	gtccatgtag	cagctctagt	tgcagagttt	cttcatcgaa	aaaaattatt	480
tctaacgga	tgttcagcgt	tcaagaaaat	tactcccaat	atagatgaag	aaggagcaat	540
gaaagaagat	gctgggatga	tggatgtcca	ttatagtga	gaggtcttgc	tggagttgct	600
agaacaatgt	gtggatggct	tatggaagc	agaacgttat	gaaataattt	ctgagatttc	660
caagttgatc	gttccaattt	atgagaaacg	tcgtgagttt	gagaaactta	ctcaagttta	720
tagaactctt	catggagcct	acacaaaaat	tctggaagtt	atgcatacaa	aaaagagact	780
tttaggcact	ttcttcagag	ttgcctttta	tggccaatct	ttttttgaag	aagaagatgg	840
aaaggagtac	atctataaag	aaccaaaagt	cactggcctc	tcagaaattt	ccttgagact	900
tgttaaactt	tatggtgaaa	agtttggtac	ggagaatgtc	aaaataattc	aggattcaga	960
caaggtaaat	gccaaagagc	ttgatccaaa	atatgctcat	atacaagtta	cttatgtgaa	1020
gccttacttt	gatgacaaag	aactcacaga	aaggaagacc	gagtttgaaa	gaaatcataa	1080
tatcagcaga	tttggttttg	aggcccctta	cactttatca	ggcaaaaaac	agggctgtat	1140
agaagaacag	tgcaaacgcc	gtacaatctt	gacaacttca	aactcgtttc	cttacgtgaa	1200
gaagaggatt	cctattaact	gtgaacagca	gattaattta	aaaccaattg	atggtgccac	1260
tgatgaaata	aaagataaaa	ctgcagagct	gcaaaagctt	tgctcctcta	ctgacgtgga	1320
catgattcag	ctccaactta	aattgcaggg	ctgtgtttct	gtgcagggtca	atgctgggtcc	1380
attagcatat	gcaagagctt	tcttaaatga	cagccaagct	agcaagtatc	cacctaaagaa	1440
agtgagttag	ttgaaagaca	tgtttaggaa	atttatacaa	gcatgcagca	ttgcacttga	1500
actaaatgag	cggctaatta	aagaagatca	agttgagtac	catgaagggc	taaagtcaaa	1560
tttcagagac	atggtaaaaag	aattatctga	cattatccat	gagcagatat	tacaagaaga	1620
cacaatgcat	tctccctgga	tgagcaacac	attacatgta	ttttgtgcaa	ttagtggtag	1680
atcaagttag	cgagggttatg	gttccccaaag	atagctgtaa	gtgtgaggaa	atgcagatgt	1740
acgtgacaat	gagactgacc	tttctcagga	atatttgtag	ctgtgcaaat	gttaaaattt	1800
aaagatttga	tatacatgga	gtgtttcttc	tcgacaccaa	aattttcatg	tgttccaaca	1860
gggtgcttac	atatttgtaa	ataagcaact	tgaaagtgcc	tggaaaattg	caccactgtg	1920
cttggtttgt	acttttttag	gtaaactctat	atgctgaaaa	gtagagctca	aaaacagtag	1980
ttcaatttgc	ttaattattg	cttaaaataa	tgggtactatg	taaaattgta	taatggaata	2040
caataaaaagg	taaaacttat	ttgtaattag	aagtgaagaa	aataatactt	tgaacttagc	2100
atttttcttg	acaagaagct	caattcatta	tcatacta	ccttggttagg	aggagaggaa	2160
aattgataac	atttccgtaa	tacacggata	tttaaaattg	gngagat		2207

00468733.0.4.100

<210> 4170  
 <211> 1707  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(1197)  
 <223> similar to gi2852640 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4170  
 ccgggaacgg gcggtgggga gcgggcggag ctggccctgc ctctgcctgg ccggcgccgc 60  
 agtcggcgcg ggccgcgccc gccgcgccca actgcctga gcgcttgctg aggccgaggg 120  
 agacgtcggg gcctgcacct ggagggagcc tgccgcgctg gccccgagga gggggcgttg 180  
 ccatggcgac agcctctccc gctgctgacg gggggcgggg gcggccctgg gaaggagggc 240  
 tggctccttg gcccccgcc cctcccctta ctctcccctg gacttggtatg ggcccgagtt 300  
 gggggcaaca ccccgggcat tggggctttc cagctctcac agaaccttca gcatccccag 360  
 ctgccggtct tggcatcttc gaagtaagga gagttttaga tgcttctgga tgttcaatgc 420  
 tagcaccttt acagactgga gcagctcgat tttcttcgta tttactttca agagcaagaa 480  
 aagtgtctgg ctcccactta tttctccct gtggtgttcc ggagttctgc tccatatcca 540  
 ccagaaagct ggcggcccac ggctttggcg catccatggc ggcaatggtg tccttccctc 600  
 cccagaggta tcactacttt ttagtgctgg actttgaggc cacgtgcgac aagccacaga 660  
 ttcacctca ggaaatcatc gagttcccca tcctaaagct aaatggccgg accatggaga 720  
 ttgagtctac ctttcacatg tatgtccagc ctgtagtcca tccacagctt accccattct 780  
 gtacagagct caccgggatt attcaagcca tgggtggatgg tcagccaagc ctgcagcaag 840  
 tgctggagag ggtcgatgaa tggatggcga aggaaggcct cttagatcca aacgtcaagt 900  
 caatttttgt cacctgtgga gactgggact taaaagtcag gctcccaggc cagtgccagt 960  
 acttgggctt gccagtggcg gattacttca agcagtggat taatctgaaa aaggcttaca 1020  
 gcttcgccat gggctgctgg cccaagaatg gacttctaga catgaacaag ggccctagcc 1080  
 tgcaacacat aggcgggccc cacagcgga ttgacgactg caagaacatt gccaacatca 1140  
 tgaagacact cgcctatcga ggcttcatct tcaagcagac atcgaagccg ttctgattgg 1200  
 ccgaggacag gatggggcag gacagggtag ctggttggcc cagcccagaa tcctcctctc 1260  
 cctcaccaga ggggaagagg gagagtggca tagctctgtg tccagagtgt ccccaaagcc 1320  
 ttccctgtgg ggtcatgcc ccttgccgt gggctttgtt gccctttgca aggggctttg 1380  
 gccacttgcc cttttctgga agcaagacac ttttgtgcc ccccatcccc caccctcaa 1440  
 tctcagccca gtatcagccc ctcccattgc gggcctgggc taagggggac cccaggcact 1500  
 caccgcctcc tcccctggt caacaggctt ctgtggggcc accaagaccc tcgctgtgcc 1560  
 ccctcccatc cataagtga tgggtgtgtg tcgccccagg gctccaggac agatcaggcc 1620  
 ccacctgtg tctaccccca tcccgcgtg gaacgtgcca ctgaataaag tcggggaaac 1680  
 gaggcactgg gtgtgtgtgc aaagcca 1707

<210> 4171  
 <211> 351  
 <212> DNA

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```
<223> similar to gi3875142 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

agcagcgcga	ggtgctgcgg	cgctgcgtat	aagtatcaat	cagccgggttg	cttttgtgag	60
aagggttcct	tggactgcgg	cgtcgagtc	gctgaaagaa	cactttgcac	agttcggcca	120
tgtagaagg	tgcattttac	cttttgacaa	ggagactggc	tttcacagag	gtttgggttg	180
ggttcagttt	tgttcacaag	aaggacttcg	gaatgcacta	caacaggaaa	atcatattat	240
agatggagta	aaggtccagg	ttcacactac	aaggcccata	cttcgcgaaa	catctgacga	300
tgagaagaaa	gattcttgag	actgcagcct	attaataaag	ttatatacct	g	351

<223> similar to gil438971 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

taacgatcgc	ttctctgctt	gtactttcac	cttgaaactc	aaggaagcag	ctgttagaca	60
gcgtgaagcc	ctaaagaagc	ttaccaagaa	tatagccact	gactcatata	tcagtgttaa	120
cttgagagat	gtctatgcc	ggagtatcat	ggagatgctg	cgactgaaag	gcagagaaag	180
agcaagtact	aggagcagcg	ggggagatga	tttctggttt	tgaattaatt	ttcaatttat	240
ttacaaaagc	tatgtacaat	taactaaaat	gataaagcag	tgatgtggat	ttctgtattc	300
tgatgatgag	tctcttcaga	gtactgtctc	tcttaattaa	tttttgctga	tatattgctt	360
catctactag	aatatctcac	atcacctata	acaactgcac	agtgttctga	cacatttgag	420
tgtccaaaat	agccaattaa	cacaaccaa	tacaactggg	catgtatt		468

2888



<221> misc\_feature  
 <222> (6)...(449)  
 <223> similar to gil332522 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4173  
 aactagtaga atatgatatg cttcgggaga tgttcagtga ttctagaagt aacaatgatg 60  
 atgatgagga tgaggatgat gaagatgagg atgaggatga ggatgaggat gaagatgaag 120  
 acaaagaaga ggaggaggaa gattgttctg aagagtatct ggaaaggcag ctgcaggccg 180  
 agtttattga atctggccag tatagggcaa atgaaggtag cagttcaata gtcattggaaa 240  
 ttcagaagca gattgagaaa aaggagaaaa agctccataa gattcagaat aaagcacaaa 300  
 gacagaagga tctcatcatg aaagtggaaa acctgacact caagaatcat tttcagtctg 360  
 tgctggagca gcttgagtta caggaaaaaac aaaaaaatga gaagctcatt tccctacagg 420  
 aacagttgca gcgttttctg aagaagttag gagagccatt ggctgggccc acaaaccttg 480  
 gattcaccat ccagactgca gattggatga aactgtgcac gtttttgtcc cttcagttgc 540  
 cttatgttga atcagttata tttatctgta ctttctttgc tacttaaaat atgctcacag 600  
 tttgtagtca tgtagaaaag gccagtataa aaatgtagta gacttaaaga cccactcga 660  
 ccatgagact ttctctttgt caatttggga attattatta ttaatttaga aatggggtct 720  
 tgttatgttg cccaggctga attcagactc ctgggcttaa gggatccttc cgcctcagcc 780  
 tc 782

<210> 4174  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(319)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (318)...(121)  
 <223> similar to gi344422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4174  
 gttttttatt aggcggaatc cagaggctca aggccttca taatatcccc cagtttagta 60  
 gttggactta gggaacaaag gaacctttaa tagaaattgg acagcatgaa agcgagctta 120  
 gtgatacttg tgggccaggg cattagccac accagccacc actttctgat aggcagcctg 180  
 cactggtggg gtgaattctt tgccaaagtg atgggccagc acacagacca tcacgttgcc 240  
 caggagcctg aagttctcag gatccacgtg cagcttgtca cagtgcagct tactcagtgg 300  
 ggcaaagggtg cccttgan 318

<210> 4175  
 <211> 602  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (22)...(456)  
 <223> similar to gi3341863 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4175  
 cccacccac acctgctgcc caccaccccg gcagcacctt tccctgcca ggcttcagag 60  
 tgccctgttg ctgctgccac tgcccccac actccagggc catgtcagag ctcccatcta 120  
 ccctccacca gcatgccgct cctgaagatg cccccacat tctcgggggtg cagccacccc 180  
 tgcagcgggc actgtgggtg gcaactgcagt gggcctctcc tcccacccc gagctctcag 240  
 ccactcccta gcaactcacag ggatcccggg tgcaaggggc acaagtttg acacagtggc 300  
 ctggcttgcc agctgccccca gccctgcgag gcatatgagg ggctgggtga ggaagaggat 360  
 agcagctctg agcgaagctc ctgcacctca tcctccaccc accagagaga tgggaagtgc 420  
 tgtgactgct gctactgtga gttcttcggc cacaatgcgg caaaaggaaa ggaaatggca 480  
 cagagaaagc tatgattctg atgagtatgt atacgtgtgt aatccacacag aagtgaacgc 540  
 ttgtgagtga tgaaggcaga gtggaagcaa aaaggctctc agtcccccaa gtgtgacagc 600  
 cg 602

<210> 4176  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (205)...(73)  
 <223> similar to gi4140696 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4176  
 gacttttata gtccctggagg cgatctgtga tatgtgttag tgggacttga ggataaaggt 60  
 atacactcag tactgtcgaa gctgacgtga ttgtttatgc acagcattca caaaggcgcc 120  
 cacatgttct ggggtctatgt gaggataaag gccatgggtcc atgtttggcta tgtatcgatg 180  
 tgggccatag tccatcagca tgtgtgtcga cacgaacgt 219

<210> 4177  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (336)...(134)  
 <223> similar to gi344422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4177  
 ctgagaatag aggttttggg ttacgcataa tccacatgct caaggccctt cataatatcc 60  
 cccagtttaa tatgtggact tatggaacaa aggaaccttt actagaaatt ggacagcacg 120  
 aaagctatct taatgatact tgagggccag ggcattaacc acaccagcca ccactttctg 180  
 ataggcagtc tgcactggtg ggggtgaattc tttgccaaag cgaagggcca gcacacagac 240  
 cagcacgttg cccaggagcc tgactttctc aggatccacg tgcagcttgt cacagtgcag 300  
 ctcactcagt gtggcaaagg tgcccttgaa gctg 334

<210> 4178  
 <211> 2736  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (117)...(1029)  
 <223> similar to gi4589624 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4178  
 acaagcctgt gagcaagcac aagcgggatg agttggtgag agccattgaa tcacccttgt 60  
 agaccctgaa ctatcctgca gagaacagct tcaatcaccg tccttacacg gcttgtgatt 120  
 tcatagaagg gatctaccga acagaaaggg acaaagggac attgtatgag ctcaccttca 180  
 aaggggacca caaacatgaa ttcaaacggc tcatcttatt tcgaccattc ggccccatca 240  
 tgaaagtgaa aaatgaaaag ctcaacatgg ccaacacgct tatcaatggt atcgtgcctc 300  
 tagcaaaaag ggtggacaag ttccggcagt tcatgcagaa tttcagggag atgtgcattg 360  
 agcaggatgg gagagtccat ctactgttg tttactttgg gaaagaagaa ataaatgaag 420  
 tcaaaggaat acttgaaaac acttccaaag ctgccaaact caggaacttt accttcatcc 480  
 agctgaatgg agaattttct cggggaaagg gacttgatgt tggagcccg cttctggaagg 540  
 gaagcaacgt ccttctcttt ttctgtgatg tggacatcta cttcacatct gaattcctca 600  
 atacgtgtag gctgaataca cagccaggga agaaggtatt ttatccagtt cttttcagtc 660  
 agtacaatcc tggcataata tacggccacc atgatgcagt ccctcccttg gaacagcagc 720  
 tggtcataaa gaaggaaact ggattttgga gagactttgg atttgggatg acgtgtcagt 780  
 atcggtcaga cttcatcaat ataggtgggt ttgatctgga catcaaaggc tggggcggag 840  
 aggatgtgca cctttatcgc aagtatctcc acagcaacct catagtggta cggacgcctg 900  
 tgcgaggact cttccacctc tggcatgaga agcgtgcat ggacgagctg acccccagagc 960

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agtacaagat gtgcatgcag tccaaggcca tgaacgaggc atccacacggc cagctgggca 1020
tgctggtggt caggcacgag atagaggctc accttcgcaa acagaaacag aagacaagta 1080
gcaaaaaaac atgaactccc agagaaggat tgtgggagac actttttctt tccttttgca 1140
attactgaaa gtggctgcaa cagagaaaag acttccataa aggacgacaa aagaattgga 1200
ctgatgggtc agagatgaga aagcctccga tttctctctg ttgggctttt tacaacagaa 1260
atcaaaatct ccgcttttgc tgcaaaaagta acccagttgc accctgtgaa gtgtctgaca 1320
aaggcagaat gcttgtgaga ttataagcct aatgggtgtg aggtctttga tgggtgtttac 1380
aatacactga gacctgttgt tttgtgtgct cattgaaata ttcatgattt aagagcagtt 1440
ttgtaaaaaa ttcattagca tgaaaggcaa gcatatttct cctcatatga atgagcctat 1500
cagcagggct ctagtctcta ggaatgctaa aatatcagaa ggcaggagag gagataggct 1560
tattatgata ctagttagta cattaagtaa aataaaatgg accagaaaag aaaagaaacc 1620
ataaatatcg tgtcataatt tccccaaagt taaccaaaaa taatctgctt atcttttttg 1680
ttgtcctttt aactgtctcc gtttttttct tttattttaa aatgcacttt ttttcccttg 1740
tgagttatag tctgcttatt taattaccac tttgcaagcc ttacaagaga gcacaagttg 1800
gcctacattt ttatatattt taagaagata ctttgagatg cattatgaga actttcagtt 1860
caaagcatca aattgatgcc atatccaagg acatgccaaa tgctgattct gtcaggcact 1920
gaatgtcagg cattgagaca tagggaagga atggtttgta ctaatacaga cgtacagata 1980
ctttctctga agagtatttt cgaagaggag caactgaaca ctggaggaaa agaaaatgac 2040
actttctgct ttacagaaaa ggaaactcat tcagactggt gatatcgtga tgtacctaaa 2100
agtcagaaac cacattttct cctcagaagt agggaccgct ttcttacctg tttaaataaa 2160
ccaaagtata ccgtgtgaac caaacaatct cttttcaaaa cagggtgctc ctctggcctt 2220
ctggcttcca taagaagaaa tggagaaaaa tatatatata tatatatata ttgtgaaaga 2280
tcaatccatc tgccagaatc tagtgggatg gaagtttttg ctacatgtta tccaccccag 2340
gccagggtgga agtaactgaa ttatttttta aattaagcag ttctactcga tcaccaagat 2400
gcttctgaaa attgcatttt attaccattt caaactattt tttaaaaata aatacagtta 2460
acatagagtg gtttcttcat tcatgtgaaa attattagcc agcaccagat gcatgagcta 2520
attatctctt tgagtccttg cttctgtttg ctacagtaa actcattggt taaaagcttc 2580
aagaacattc aagctgttggt tgtgttaaaa aatgcattgt attgatttgt actggtagtt 2640
tatgaaattt aattaaaaca caggccatga atggaaggtg gtattgcaca gctaataaaa 2700
tatgatttgt ggatatgaaa aaaaaaaaaa agggggg 2736

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<210> 4179

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(173)

<223> similar to gi4826478 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4179

```

ctccccaggt ccagcctccc ccagcccagt ctctttgagt aaccctgcac ggggtggacct 60
gggggctgcc acagcagagg gaggagcccc tgaggctatc agtgggggtcc ccactcccc 120
agctatcccc cctcagcccc gccccaggag ccttgccctc gagaccaact gagtggctgg 180
tttctcccta agcagccctc agcaccctcc cctccccac ctggccctcc caggacagct 240
ctcgcacccc acaaaggggc atgggcctcc agcctttgcc cacaagtgcc tcagtgccca 300
ctgggtcggc ccccatggcc aggagggtcc aggacaatcc tctatttctt gaccttttcc 360
tcgtccaccc tgggcttggg gaccccccca ccggactctc cactctccgg caggtcctag 420

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gggagccacc	ggaaggaagg	agaggtttgc	ctgctcctac	gggactgatt	cttctcttgc	480
cgacatgttt	tttghtaaggc	tggtaaaataa	attattttgg	acaaaactgg	agcagctgcc	540
caaatagatg	ttttattttc	tgtccttgaa	ataaagaagc	caatttttaa	aaaaaaa	597

<210> 4180

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (769)...(545)

<223> similar to gi4742002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4180

gtgctgtatg	gttttctaaa	agcttgacac	cctgacagtc	tccaacaag	acagatgaaa	60
agttattaga	gaagcctgct	taagacactc	tggtactgtt	caaatagtcg	cttgctaaaag	120
cagaagaaaa	gcaacatggc	caatcaccaa	acacaagacc	tcaactcctg	atgtcctttc	180
agccttcctt	tcttaccctc	caattcctga	tgtcctttca	gccttccttt	cttaccctcc	240
aattcctgat	gtcctttcag	ccttcctttc	ttaccctcca	aaaggaattt	aaggattagg	300
catactttca	gttccgaaaa	gccaagtttg	gctccattgt	cagcaccagc	tctgacatct	360
gaaaatgcac	tgatctccct	ccagctaagg	aaacctgaga	aaccactctg	aaagaactgt	420
gagacctttg	cactaagacc	attagggatt	ctacgcaagg	ttctctctgc	tccttgcaaa	480
attacaggcg	tcatgaagga	tggcggctcg	taaatcgaag	cctttgaaac	aggggctcac	540
cgctccggcg	catcaacacc	ttgttggtct	gtgtgcacca	ccccacgggg	tgcaaatccg	600
cgatgactac	gtcacaccag	aagtcggccc	tgcggtcctc	cccgtaacgg	cagtagcgca	660
gaagcagcag	ctgcccgcac	gtggtaatga	tcgtggccac	ccagtacgtg	tccgggttgt	720
tcttattagc	cacttccaat	ttcattcctg	gctggaagtt	gctctgaatg	ctgatttcaa	780
ccttaaggaa	tcagaaatag	agaaaaccca	ttactacact	agacacaata	catccagaag	840
atgac						845

<210> 4181

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (52)...(115)

<223> similar to gi30501 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

00400725 013100

<400> 4181  
 cggggctcgt gcgtggatga agaacgcagc tagctgcgag aattaatgtg aattgcagga 60  
 caacgtcgct atggaacctg catctaccag ggaagactct gggcattctg ctgctgagct 120  
 tgcataataa gacgaatgag ctcaaaattt gctttgagag ctacagggaa ttgctattac 180  
 tcctgtacct tctgttcaat ttccttttgt catttctagc ttcattttct ctatgctctc 240  
 tgtggatttc ctgcatcgat tattttctac tctaatacgta tctactattg tctgtattcg 300  
 tgttcg 306

<210> 4182  
 <211> 947  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (47)...(862)  
 <223> similar to gi3337383 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4182  
 tccattgata tgagctatag taatggtttc taaactcatt gattcgctgg gccagggcct 60  
 gctgctgcgc agcctgcagg agcgcaacca ggagcaggag aaggtggagc ggcgccgtca 120  
 ggtcccttc cacctgcaca tcaacctgga gctgctggag tgtgtctacc tgggtgtctgc 180  
 catgctcctg gagatcccc acatggccgc ccatgagagc gatgcccgc gacgcatgat 240  
 cagcaagcag ttccaccacc agctgcgcgt gggcgagcga cagcccctgc tgggtccccc 300  
 tgagtccatg cgggaacatg tggtcgctgc ctccaaggcc atgaagatgg gtgactggaa 360  
 gacctgtcac agttttatca tcaatgagaa gatgaatggg aaagtgtggg accttttccc 420  
 cgaggctgac aaagtccgca ccatgctggt taggaagatc caggaagagt cactgaggac 480  
 ctacctcttc acctacagca gtgtctatga ctccatcagc atggagacgc tgtcagacat 540  
 gtttgagctg gatctgcca ctgtgcactc catcatcagc aaaatgatca ttaatgagga 600  
 gctgaaggag ctgatggcct ccctggacca gccaacacag acagtgggtga tgcaccgcac 660  
 tgagcccact gccagcaga acctggctct gcagctggcc gagaagctgg gcagcctggt 720  
 ggagaacaac gaacgggtgt ttgaccacaa gcagggcacc tacgggggct acttccgaga 780  
 ccagaaggac ggctaccgca aaaacgaggg ctacatgcgc cgcggtggct accgccagca 840  
 gcagtctcag acggcctact gagctctcca ctctgtttcc cgcctgggccc atccaacctt 900  
 gaagtcctaa accacacctc agtcactaaa ggtctgttta aagttaa 947

<210> 4183  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (332)...(123)  
 <223> similar to gi344422 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4183  
gcttttttatt aggcagaatc cagatgctca aggcccttca taatatcccc cagttttaata 60  
gctggactta gggaacaaag gaacctttta tagaaattgg acagcaagaa agcgagctta 120  
ctgatacttg tgggccaggg cattatccac accagccacc actttctgat aggcagcctg 180  
cactggtggg gtgaattctt tgccaaagag atgggccatc acacagacca tcacgttgcc 240  
caggagcctg aagttctcag gatccacgtg cagcttgctca cagtgcagct cactcaatgt 300  
ggcaaaggtg cccttgaggt tgtccaggt 329

<210> 4184  
<211> 602  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(603)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (163)...(417)  
<223> similar to gi2827162 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4184  
ttactcactt attttcttggt ttgaaagaat agtctgcagc tggtctttttt cttattatat 60  
tttaattttt atatatccaa tttattagct ggtagtgaag gatgatgaag tttctggaat 120  
cttggtttgt cttgtctgtc tgactaatcc ctgggggtggg gtttgatat ttacagctt 180  
ttggatcttt tcatccagtg ggattggtca acctaccttg ctgactatgg tcagcccaac 240  
tgcaagtacc tccgggtaaa cccagtgact gctctgaccc tgcttgagaa gatattctaga 300  
gagatgaagg atactagccg caagaacaac atgtttgcac agtttcggaa aaatgagcga 360  
gacaagcaga aactcattga ctccgtggcc aagcagctcc gaggactcat cagcagccac 420  
cattcatgaa gggtagcccc ggacccacag aggggacctg ctgcagcctc tgtgtcagtc 480  
tgggggtccag cccagctga ccctgcattt gtgcattgtt cttcaaagag agcatatgnn 540  
nnnnnnnnnn aaccctgcg cagtattcaa aaaacaaatc cctatagtaa aagagcacta 600  
ct 602

<210> 4185  
<211> 1030  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(1032)  
 <223> similar to gi5305405 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4185

ctttactgtc	ttcatttctgg	gaataactat	tcgaccactg	gtggagtttc	ttgatgtcaa	60
gaggtccaat	aagaaacaac	aagctgtcag	tgaagaaatc	tattgtcggg	tgtttgatca	120
tgtgaagact	ggaattgaag	atgtttgtgg	acattggggg	cacaactttt	ggagagacaa	180
gtttaagaag	tttgatgata	aatatctgcg	gaagcttttg	attcgggaaa	accaaccaa	240
gtcaagtatt	gtatctttat	ataaaaagct	tgaaataaaa	catgccattg	agatggcaga	300
gactgggatg	ataagtactg	tccctacatt	tgcatctcta	aatgattgtc	gtgaagaaaa	360
aataaggaag	gtcacgtcca	gtgaaactga	tgaaattcga	gaactcttat	caagaaatct	420
ctatcaaatc	cgtcagcgaa	ctttatccta	caacagacac	agtctgacag	ccgacacaa	480
tgagagacaa	gccaaggaga	ttctgattcg	ccggcgacac	agtttgcgag	aaagcattag	540
gaaggacagc	agcttgaatc	gagaacacag	ggcttccact	tcaacctccc	gatatttatc	600
cttacctaaa	aatacgaagc	ttccagaaaa	gctacaaaag	aggaggacta	tttctattgc	660
agatggcaat	agcagcgact	cagacgcaga	tgccgggacc	accgtgctca	atttgcagcc	720
cagagccagg	cgcttcttgc	cagaacagtt	ctccaagaaa	tccccccagt	cctataaaat	780
ggaatggaag	aatgaggtag	atgttgattc	tggccgagat	atgccccagc	cccccccaac	840
acccacagc	agagaaaagg	gcacccagac	gtcaggctta	ctacagcagc	cccttctctc	900
taaagaccag	tctggctcag	agagggaaga	cagtttgact	gaaggcatcc	cgcccaagcc	960
gccaccacgg	ctggtctgga	gggcatcgga	acctggaagc	cggaaagccc	gatttgggag	1020
tgagaagcct						1030

<210> 4186  
 <211> 635  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (637)...(491)  
 <223> similar to gi805296 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4186

tttttttttc	atcttataag	gaacatttat	ttggtaaact	atctcataga	aatagactct	60
aaaatcaaac	agtttcttaa	acaacagaga	gcataatccc	aatctctccc	catgaaaagc	120
ctacttcata	actgaagtac	ctaaagccca	tgaactgcat	tactagaaga	aaggagggaa	180
aaagacattt	actaaacttc	cacaggaaga	ctgtataaat	ctggaagtgg	ttaagtacac	240
atcagcctgt	atccaagaat	actactcagt	ctcaaaaatt	aactgaaaat	ctaaacttaa	300
tatggatacc	ttctttgttc	tttggttaagg	ctcagaaaat	taccatctat	ttaagtacgc	360
atggtactag	ttacatgtca	actgatataa	taaaaaaggt	gaagtggaca	atcagtattt	420
caaacccaat	acagggaaat	cactagatgt	aaataagaac	ttttaaaagc	tattcttgag	480



ctccacttta	aaacaaacat	tcaggactgg	aatcttcaga	atcttcta	atcttgaata	540
tccccatctt	ctctttaatt	ggctctgaag	cattcatttg	atcaataaga	tcacttcgat	600
ctaacaacaa	ctctagatct	ttatcactaa	tgacc			635

<210> 4187

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (320)...(217)

<223> similar to gi560623 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4187

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<210> 4188

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(513)

<223> similar to gi295736 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4188

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aatttgacca	cacctgggtac	tacatcaaca	gtgactatgt	caacatccag	tggttactagc	420
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**09-08-2017**

<400>	4189					
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2898



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<210> 4192

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(241)

<223> similar to gi848985 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4192

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<210> 4193  
 <211> 4670  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(3400)  
 <223> similar to gi2564322 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 4194

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(156)

<223> similar to gi3128157 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 4194
ggcacgagga agttcaaatt ggtccagaaa cagttatgac cactctttat actgccaaga    60
aatacgcagt cccagccttg gaagcacact gtgtagaatt tctcaccaaa catcttaggg    120
cagataatgc ctttatgtta cttactcagg taagtaaatg tagctaagg atgtatcatt    180
gtagttttta aattgagtaa actatatatg ggcattttaat atttcctgga gaattctaga    240
ttataaattt aaagtatata aaatgatttt tataatacaa atcagggaaa catgtcagat    300
atctaagatt ttagaattga aaagtgtatt agaggccatg gatgggtggtt cacgcctgta    360
attccaagac tctggaatgc tgaagcgggt agatcacttg aggtcaggag ttcaagacca    420
gcctggccag catgaccccg tctctactaa aaatataaaa attagccggc tgtggtggcg    480
cgggcttgta atcccagcta ctcaagaggc tgaggcagaa gaatcgcttg aattgggggtg    540
gcggggcgaga caccctggga gacagagcga gactccatca caaaaaaag catgttagag    600

```

```

<210> 4195
<211> 802
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (786)...(317)
<223> similar to gi289749 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4195
aatgtgcaac aggetatttt cttgaatgaa tggattcata ataagaacag gacttcacca    60
gcttccaagg gaccctcccc acctctcgga tatattctga agcctaaatt tcacctgctt    120
atcttaggat ccttaggccc aggccttctg ccacaccaag ccacaaccga agctcagcag    180
tactcacagg cctttaatct ataactgcct ggccacacca tcacttcccc aggatggtgg    240
ggagggatga agatgtatag ccaggtaggc cacaccaact ctgagtccaa gagggaagga    300
ctgggggtcag gctggggctt gggcagggga ctcccgggcc caggcgatga gggagttgct    360
ggcttgggca agctcggcga tggacacccg gccccgctgt cggatgaagt tggccacggc    420
ggccagttcc tctgggggta tgtagatgaa cttgccccgg tcgtcaatca cacctgttat    480
agtccccctca gccagcaggt cctggatgcg atttatggtg tcttgagtgc gtaggcccac    540
ctgggaagcc aggtcttcca agagcacaac cttggactgc ttgatgtagt tgatgaactc    600
tgtcaggaag ctctgggact gttcctcagt catggtctct cctacgcctt cctcctccac    660
cacaaaggcc tccttcagtt tcaggtaact ctcatgctcc cgctgggcct gctcctcgcg    720
ggccttcctc tcctcctcct ccttctgctc ctctccagg cgaagccgct cctcctcctt    780
cttccctcgt gccgctcgtg cc                                802

```

```

<210> 4196
<211> 750
<212> DNA
<213> Homo sapiens

```



**SECRET**

cttggtttttc	cctctaccag	attatggaga	gaattatgga	tctaccact	ttactgaggc	60
atgcattcag	ggaaatgttt	tcagtcgggg	gccttttctg	gatgtttcgc	atcaggataa	120
tactttgttt	aatgggagct	tttttctatc	ttatatcacc	tctagatttt	gtacctgaag	180
cctggtttgg	aattctaggc	tttctagatg	atttctttgt	catcttttta	ttgcttatct	240
acatctctat	tatgtatcga	gaagtgataa	cccaaaggct	aactagatga	aaaagaaaac	300
aaaactgagt	ttactaggat	atctgagcta	atgtagaaca	tcaaacagaa	ggacccatgg	360
cagtataaag	caatgaagca	atggagtatt	atctcacaaa	tataaaacca	ctataagaca	420
aacattttgat	tatcatttga	caaataccta	ggtataactg	gaatttttcat	gtttgaagtt	480
ctaataattaa	gtttagaatt	ataatgactc	acagtttgtat	cttgatttcta	tgttgtctgg	540
aaaaaataatg	gaattatata	aaaagggatg	cttttatata	tttttctttt	cccagaatt	600
acttagatta	attagatgta	tagtaaaata	ttgttaaattg	tcagtttatc	catcttatcc	660
ttctcagcag	gtacctatat	gataatatat	agctgtgaaa	ctcatctaaa	tatttttggt	720
ccaataaaaat	attatatact	aaaaaaaaaa				750

```
<220>
<221> misc_feature
<222> (9)...(433)
<223> similar to gi2811122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

ggcacgagga	ggcctcgggg	ctgtccgtgt	ggatggggaa	gcagatggag	cccttgcacg	60
cagtgcctccc	ggcagccatc	accttgatct	tgtccttgct	cgttgccgtg	ttcactgagt	120
gcacaagcaa	cgtggccacc	accaccttgt	tctgcccata	ctttgcctcc	atgtctcgct	180
ccatcggcct	caatccgctg	tacatcatgc	tgccctgtac	cctgagtgcc	tcctttgcct	240
tcatgttgcc	tgtggccacc	cctccaaatg	ccatcgtgtt	cacctatggg	cacctcaagg	300
ttgctgacat	ggtgaaaaca	ggagtcataa	tgaacataat	tggagtcttc	tgtgtgtttt	360
tggctgtcaa	cacctgggga	cgggccatat	ttgacttgga	tcatttccct	gactgggcta	420
atgtgacaca	tattgagact	taggaagagc	cacaagacca	cacacacagc	ccttaccctc	480
ctcaggacta	ccgaaccttc	tggcacacct	tgtacagagt	tttggggttc	acaccccaaa	540
atgacccaac	gatgtccaca	caccaccaa	accagccaa	tgggccacct	cttcctccaa	600
gccagatgc	agagatggtc	atgggtcagc	ggagggtagg	ctcagaaatg	aagggaaccc	660
ctcagtgggc	tgctggaccc	atctttccca	agccttgcca	ttatctctgt	gagggaaggcc	720
aggtagccga	gggatcagga	tgcaggctgc	tgtaccgcgt	ctgcctcaag	cactccccac	780
acagggctct	ggttttcact	cgcttcgtcc	tagatagttt	aaatgggaat	caatccccct	840

```

ggttgagagc taagacaacc acctaccagt gcccatgtcc cttccagctc accttgagca 900
gcctcagatc atctctgtca ctctggaagg gacaccccag ccagggaagg aatgcctggg 960
cttgagcaac ctcccactgc tggagtgcga gtgggaatca gagcctcctg aagcctctgg 1020
gaactcctcc tgtggccacc accaaaggat gaggaatctg agttgccaac ttcaggacga 1080
cacctggctt gccacccaca gtgcaccaca ggccaacctc cgcccttcat cacttgggttc 1140
tgttttaatc gactggcccc ctgtcccacc tctccagtga gcctccttca actccttggg 1200
cccctgttgt ctgggtcaac atttgccgag acgccttggc tggcaccctc tgggggtcccc 1260
cttttctccc aggcagggtca tcttttctgg gagatgtctc ccctgccatc cccaaatagc 1320
taggatcaca ctccaagtat gggcagtgat ggcgctctgg ggaccacagt gggctatcta 1380
ggtcctccct cacctgaggc ccagagtga cacagctgtt aatttccact ggctatgcca 1440
cttcagagtc tttcatgcca gcgtttgagc tcctctgggt aaaatcttcc ctttgttgac 1500
tggccttcac agccatggct ggtgacaaca gaggatcggt gagattgagc agcgcttggg 1560
gatctctcag caaacaacc ctgcccgtgg gccaatctac ttgaagttac tcggacaaag 1620
accccaaagt ggggcaacaa ctccagagag gctgtgggaa tcttcagaac cccctgtaa 1680
gagacagaca tgagagacaa gcatcttctt tccccgcaa gtccatttta tttccttctt 1740
gtgctgctct ggaagacagg cagtagcaaa gagatgagct cctggatggc attttccagg 1800
gcaggagaaa gtatgagagc ctacaggaaac cccatcaagg accgagtatg tgtctgggtc 1860
cttgggtggg acgattcctg accacactgt ccagctcttg ctctcattaa atgctctgtc 1920
tcccgcggaa agctcc
1936

```

```

<210> 4198
<211> 1588
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(1498)
<223> similar to gi4191596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4198
ggcacgagtc agaattaaaa gaagaaataa aagcattaga agatgccaga ataaaccttt 60
tgaaagagac agagcaactt gaaattaaag aagtccacat agagaagaat gatgctgaaa 120
cattgcagaa atgtcttatt ttatgctatg aactgttgaa gcagatgtcc atttcaacag 180
gcttaagtgc aaccatgaat ggaatcatcg aatctttgat tcttcctgga ataataagta 240
ttcatcctgt tgtaagaaac ctggctgttt tatgcttggg atgctgtgga ctacagaatc 300
aggattttgc aaggaaacac ttcgtattac tattgcaggg tttgcaaatt gatgatgtca 360
caataaaaat aagtgtctta aaggcaatct ttgaccaact gatgacgttc gggattgaac 420
catttaaaac taaaaaaatc aaaacacttc attgtgaagg tacagaaata aacagtgatg 480
atgagcaaga atcaaaagaa gttgaagaga ctgctacagc taagaatgtt ctgaaactcc 540
tttctgattt cttagatagt gaggtatctg aacttaggac tggagctgca gaaggactag 600
ccaagctgat gttctctggg cttttgggtca gcagcaggat tctttctcgt cttattttgt 660
tatggtacaa tcctgtgact gaagaggatg ttcaacttcg acattgccta ggcgtgttct 720
tccccgtgtt tgcttatgca agcaggacta atcaggaatg ctttgaagaa gcttttcttc 780
caaccctgca aacactggcc aatgcccctg catcttctcc tttagctgaa attgatatca 840
caaagtgtgc tgagttactt gtagatttga caagaccaag tggattaaat cctcaggcca 900
agacttccca agattatcag gccttaacag tacatgacaa tttggctatg aaaatttgca 960
atgagatctt aacaagtccg tgctcgccag aaattcgagt ctatacaaaa gccttgagtt 1020
ctttagaact cagtagccat cttgcaaaag atcttctggg tctattgaat gagattctgg 1080

```

agcaagtaaa	agataggaca	tgtctgagag	ctttggagaa	aatcaagatt	cagttagaaa	1140
aaggaaataa	agaatttggg	gaccaagctg	aagcagcaca	ggatgccacc	ttgactacaa	1200
ctactttcca	aaatgaagat	gaaaagaata	aagaagtata	tatgactcca	ctcaggggtg	1260
taaaagcaac	ccaagcatca	aagtctactc	agctaaagac	taacagagga	cagagaaaag	1320
tgacagtttc	agctaggacg	aacaggaggt	gtcagactgc	tgaagccgac	tctgaaagtg	1380
atcatgaagt	tccagaacca	gaatcagaaa	tgaagatgag	actaccaaga	cgagccaaaa	1440
ccgcagcact	agaaaaaagt	aaacttaacc	ttgccaatt	tctcaatgaa	gatctaagtt	1500
aggaaagacg	atggaggtgg	aatcctttaa	gattatgtcc	agttatattg	tttaataaag	1560
aagaagttac	ccttgtcaaa	atcagaac				1588

<210> 4199

<211> 2243

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(1406)

<223> similar to gi452404 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4199

ggcacgagac	tagaggaaac	tccaaataacc	actactatgg	gattcgtgtc	aagccagatt	60
cccctcttaa	tcgtctgcaa	gaagacatgc	agtatatggc	tatgagacaa	caacccatgc	120
aacagaaaca	aaggtacaag	cctatgcaga	aagtggatgg	ggttgacag	ggtttcacag	180
gaagtgggtca	acagacaggc	acatctgttg	agcaaactgt	aattgcccaa	agccaacatc	240
atcaacagtt	tttagatgca	tctcgagcac	ttccagagtt	tggagaagtt	gaaatctctt	300
ctctgccaga	tgggtactacc	tttgaggata	tcaagtcaact	gcagagtctt	tatagagagc	360
actgtgaggc	aatattggac	gttggtgtga	atcttcaatt	tagcctgata	gaaaaattgt	420
ggcaaacatt	ctggcgctat	tctccctcta	ctccaaactga	tggcactacc	attaccgaat	480
cgagcaatct	gagtgaata	gaaagtcgac	ttccgaaagc	aaagctgata	actctgtgca	540
aacatgagtc	tatcctgaaa	tggatgtgta	actgtgacca	tgggatgtac	caggctttgg	600
tggagattct	catccccgac	gtccttagac	ctattcctag	tgccttgacc	caagccattc	660
gaaattttgc	aaaaagcctt	gaagggtggc	tttccaatgc	catgaacaat	attccacaga	720
gaatgataca	aaccaagggt	gccgctgtaa	gtgcctttgc	ccagactctg	cgaagataca	780
cgctcgcttaa	tcacctggcc	caggcagctc	gtgcagtgct	tcataaact	tcccaaatca	840
accagatgct	tagtgacctc	aaccgtgtcg	actttgccaa	tgtccaggag	caggcttcct	900
gggtgtgcc	gtgtgatgac	aacatggttc	agagactaga	aacagacttc	aagatgactc	960
ttcagcagca	gagcaccctg	gagcagtggt	ctgcgtggct	tgacaatgtg	atgatgcaag	1020
cactgaaacc	ctatgaagga	agaccagtt	ttcctaaagc	cgccaggcag	tttctgctaa	1080
aatggtcttt	ctacagctca	atggttattc	gggacttaac	cttacgcagt	gctgctagct	1140
ttggctcctt	ccacctgac	cgtctactct	acgacgaata	tatgttttac	ttagtagaac	1200
atcgtgttgc	tcaggcaaca	ggagagactc	ctatagcagt	catgggagag	gtaagagagg	1260
ctgaaagagc	tgtgaccac	tgggttatta	aaaataagcc	agaattacac	ttcagtctaa	1320
atacattatt	gattaaaacc	atggttccta	accaagtcag	cctcagagcc	aggagggact	1380
gtggagttat	tgcaagagtt	ccttaaatc	ctctgttctt	atgtgcttaa	tcaaaagatt	1440
ctaaaattgt	ggattatata	atgtgaaagt	tcatggaatg	tgtctctata	ttatacaggt	1500
acctatgtaa	aagaaaaact	tgagaaccac	tgggaatatga	aaaatatatt	aagtgggaaa	1560
aagattgggtg	ctcctgataa	agcaaagggc	taggaatata	atggaaagga	ttaaatatgt	1620
atattgtaga	ctctttcccg	gtctccaaga	acaaagtaaa	tgattctatt	ttagaaggat	1680

aaaaatggta	atgatgataa	ctaacatttt	ttggacactt	actatgtgcg	aggcacagtt	1740
ctatgttttt	tacatgtaat	aaagcactta	atgcaagtct	ttgagatacg	ttctacttta	1800
ttctgtttta	caataagcat	ccgagggtta	tgcagaaaagc	taaggcacag	aaagggttaaa	1860
tgattactca	gctaaaaaat	ggtagagatt	tttttttcaa	acacagtctg	attttcaaac	1920
ccatatgctt	ctaaccacta	atgatgtaag	ggggaaaatt	ctcttcttca	gaatttctga	1980
atagtcatca	aaatggctta	tcaaaaagct	taaactctga	atataaaaca	gggctgggta	2040
atataatgag	gaatagatgc	aaatgctcag	atggttcagc	actggcttat	tttggttatat	2100
tgaatgcagg	aggcgggggt	agttttatacc	ttgtcgaatc	ataccagatt	attaaatgtg	2160
acaaattacc	caaggcggta	aaaaagacat	gttcactttt	aagctatgtg	tatgtgctta	2220
tataaataaa	aaagagtga	aac				2243

```

<210> 4200
<211> 1883
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (858)...(415)
<223> similar to gi458692 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4200	
tttttttttt	ttcttaaaac aaccagtttc ttttaattaga aagcaacaaa catgcaaatg 60
gcaagtgtag	aaattttattt gaaccaacat tttcactatg atgaaaatta ttcttcaaca 120
ttgatccaag	ctccacacatt tgaagggttag ggaaaatatt gcactttgca ttttctagca 180
ctcctcatac	acggcaaaaa gttttaaaaa cattctgcta gttttgtttt atacaatctc 240
ccaaattcat	gcacacaatc attccaaacc aatgttaggt tatcccaaaa aaagggaaaa 300
actccaaaaa	ccataacctt aaaattgcac taaagctctg taaagaaaaa aatataataa 360
atgtcttata	caaatttcag aacattttaag tgcttgccaa aaagagttaa ttattcctca 420
tcctcatttt	cattctcttg accagagcct tctgatctgt caccctccaa ccggtcagct 480
cggatatgat	taagtgaagc caacatcctc aacatgaaag aggctggaac tgtaatgggtg 540
tttctagttt	cttcacagcat gagttcgttt cgagttataa cttcatcagc aagttttcgg 600
ttaaaaatcc	ttgactcttc taatgggtgac cagatcttta tgtcataatc tatgccagat 660
gaggctaaaa	ttgggtcaaa cggatgtggc tgcaggcagc ttaccacatg attatcagct 720
tccagaagca	tcaaagtctc agcagtgtgc cgatccaga tgaaaatgtg gccacagtca 780
gaaccactca	ttacaaagtt agcaccacag aaattggctt cttttatcat tgtcctggag 840
ttgcgatggc	ctttataaac catttttact agcggccttc taatgttcaa agtatccaat 900
tcttccattt	ctttcctttc ttttctccgt ctgaagaact cctgaatacg ggcaacagca 960
gagcgtctat	caccaggtcc tgctcgatac cttgcacctg ggatcaggac tgggtcatca 1020
tcactgtcat	ctgtgtcctg aagagcagag tcacctgggtg atgtttcttc atgagctgaa 1080
ggcccagtg	gttctgtttg gaactgaggc tcaggattgg tgttattttc attggtagca 1140
ctctcagtg	tagtctgatc tgaagtttct gggtcccttg ctttttcaga tgaagcagat 1200
tcttctggaa	ccccacaaga gcgatcaaga ttgaggtcat ttctttctcc tgagttggaa 1260
tccaatggct	tggctgtgaa cttatctgat tgtgttatat tgatatgggt ctcaactggg 1320
ttttctgcag	atactccttc ctgatatttt gtcacatcct ctgatgattc ttcaggagct 1380
tttgtttcac	tgtctccttc tgggtggttg actgagctct gtgggacgaa agattcctcc 1440
tgaccctcag	atttgcaatg gctcccaatt cctctagaac ttgatgctat actgctccat 1500
tcactgttaa	agttcagttt tattgtgctt gtagttgttc cttctgtgct gtagtgcaaa 1560
cttaaaactg	gttcacctgt ccctgggttg gggctcagct tttcattatt gttatcctgt 1620

tgctcgtaa	gtgacatgga	tccgagctgt	ttgttaacca	cagaagaagg	agaatcagac	1680
tgatgatgtg	tgtgggtgtcc	agatgcctca	acagactgcc	tttgttcact	gtctggagaa	1740
gatagcaaag	gagtagaatg	agggctttct	gtgggagatg	atgtcgaatg	agcctgacct	1800
gacattgtag	aggatgtaca	aggctgaaga	aattgttcag	ctggagtatc	tacttccatt	1860
gcagtttcac	cctgtgccga	aat				1883

<210> 4201  
 <211> 1308  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(610)  
 <223> similar to gi5262557 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4201						
ggcacgagaa	agtcttttga	atgcaaagaa	tgtggaaaat	acttcagata	taactcatta	60
cttattcggc	atcagataat	tcacactgga	aagaaacat	ttaaattgta	agaatgtgga	120
aaagggttaa	gttcagacac	agccttgatt	cagcatcaga	gaatccacac	tggagaaaag	180
ccctatgaat	gtaaggagtg	cggcaaggcc	ttcagtagca	gctctgtctt	cctccagcac	240
cagaggttcc	acactgggga	gaagctctat	gaatgtaacg	aatggttgaa	aactttcagt	300
tgcagctcaa	gtttcactgt	ccatcagcga	atgcacactg	gggagaaaacc	ttatgaatgt	360
aaagagtgtg	gaaaacgatt	aagctccaac	acagccttga	ctcagcatca	gcgaattcac	420
actggggaga	agccctttga	atgtaaggag	tgtgggaagg	cattcaatca	gaaaataacc	480
ctgattcagc	accagcgagt	tcacactggc	gagaaacctt	atgagtgtaa	agtgtgtggt	540
aaaaccttca	gctggtgtgg	aagattcatt	ctgcatcaga	aactacacac	tcagaagaca	600
cctgtccaag	catagggcta	tccatagtta	ggcccaactgt	gcctctcctt	ttttctcttt	660
attttcatgc	tttttatcag	tgtcctcgct	gtccttctctg	gttagacact	tggctttcat	720
catgaactct	tctttaagtt	ttttgaacct	gtttcccca	catgaagtct	ctttatgggt	780
agagaagacc	aaaaaacaaa	caaacaaact	tagaaacata	aaaggaaatg	taagtttcca	840
gatttaaagg	acatgctggg	tgcccagcag	gatggattca	agggaaacct	acattaagga	900
aaattgctgt	gaattatgaa	aacaccaagt	ttgaataaga	ggatcatgga	gaaaaaatga	960
gaccctaaaa	agtttctaga	gagagaaaac	aaaagatcag	aaatgaaagc	ggggccaggc	1020
gcggtggctc	gtgcctgtaa	tcccagcact	ttgggagggt	gaggcgggtg	gatcatgagg	1080
tcaggagttc	gagaccagcc	cgcccaatat	ggtgaaaccc	cgtctctcct	gaaaaaaaaa	1140
aacacaaaaa	ttaccagggc	atggggggcg	atgcctgtaa	tcccagctac	taaaaaggct	1200
gaggcaggaa	aatcacttga	atccctgagg	caaaggttgc	agtgagctga	aatcgcacca	1260
ctgcactcca	gcctggggcg	cagagtgaga	ctttgtctca	aaaacagt		1308

<210> 4202  
 <211> 2232  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1956)...(1365)  
 <223> similar to gi3643608 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4202

ggagtaagta	agtttttagtg	cagtgtgaaga	actataggaa	caaaccagac	cagtgaagtc	60
acacaaaccc	aaaattatta	aagtagtaaa	agtagacctt	agaaaaata	aggcaggggc	120
atatcctgaa	tggaagtatt	cttgaatttt	catttactct	atttacataa	atatgcagtg	180
tgacactcaa	ctgatttcac	tccaccttca	aggcatgtat	tttggcctca	tactattact	240
acatttgagt	aaacatttaa	cctgattagt	tttaaagtag	caaaggacta	ccaataaaac	300
gaaagttatc	atacaaagt	ggaaggaagg	accactaaa	cccttgaata	taagcaaaga	360
ggtaggtggc	aaagcagcct	ttttagaact	ttaaaattat	gagtagatat	tttacattat	420
ttgaacaaag	aacatgttta	gtttcacact	taaggtttac	ttacttacag	attttcttca	480
atttacattg	aacaaaataa	tacagtatca	agtttagcct	gggtgagggg	acatgttttg	540
gcatcttttc	cctatagtag	tagttttggg	tcaaattaat	ttttgaaaaa	tagcttttgt	600
atggaacagt	ataaatgggc	ttatagttca	gatactgagc	aaatacacaa	tactactttt	660
tactaacagg	cacataaagg	aaatgacaac	tattcgtggg	ctcaaaaaac	tgcatatttt	720
aactaatttt	caaaattttac	aaatcagtat	ctcagagaag	ttaaagaaaa	tggaaaggaa	780
caaagccctt	ttagaataat	taatatacat	tgcccttgctt	ctttccaaaa	ggaacatgta	840
cttgtcaccc	tagcttttgt	tatttagagc	actggtacag	atacgctgtc	ccatacatca	900
ggatcaaatt	attagtttca	gtttcacatt	gtaggaattt	aagatttttt	ttttttttaa	960
cacaggaaat	aatctcatca	tttccaaaga	tgtcttcatg	tcccatcaat	gacatgctac	1020
cagacatatc	agattccaca	ggataatggc	accaagctac	ccaagtagat	gtttctggta	1080
ttctagactg	cogttcatgc	ttgtttccta	aagtatactt	aaaagtttca	aatacagttt	1140
cacttagaaa	ctgcaaccgt	ccaagtaatg	ttatgtttac	ttaggtatta	atgttatgtt	1200
tacttaggta	tgtatcagag	gcaataattt	ccaaagcaga	tcttagaata	taaccaattt	1260
gttagataac	taactttatc	tctatcacat	ctgtttacaa	gcaaagtatt	actttgtctg	1320
gacttatttc	atcttcagtg	tctgggatcg	tgggcaacag	agcagatcgc	gttaagcccc	1380
aaaatttttg	aggtgacatg	tcttttttgg	tggccgtaaa	cttccatcca	atatggcttg	1440
cacagatctt	acactgggca	acagtccagg	catacccagg	aaaccagctg	tgttctgtag	1500
aaggccggcc	tatcagattc	aagttgcaag	ccttatacac	agtaagtgtc	tcatgcacat	1560
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ttttggttgt	tatttctgtt	tcttgacatt	gtttacagca	aagggaagta	catttattca	1680
taatgtctaa	ttcacagcga	agtcgctgga	tagcactgcc	aattttaagg	agctgaattc	1740
tcaatacatc	atcaatagga	agacaagcag	ctactctgta	agaaaaatct	attggatttg	1800
aaggaagaga	atcatctttt	agattttcat	cccattcacg	tagctgtttc	ttgattctgt	1860
ccattaagg	ctcagcatca	tataaggaat	acagccagcg	aggccatgaa	gttagatttg	1920
cacaatgaaa	ctttctcttc	tggatattct	gccaccattt	atatgaacat	tggctctctc	1980
ttgagacagg	ttttgaagga	aatatctggc	acttattgag	ggattctaat	tgaactgcag	2040
acatggttga	aggcaacaca	cattcgggaa	gaatttgcac	tttagcttgc	tggattccat	2100
ctgactgtgt	tcttagctca	aggactttga	acctttgtct	tccaattgct	ttcactttca	2160
ctatctcaat	tccaaaatcc	tgttcttctc	gataggcata	tatctctgct	gttggttccaa	2220
actgtgcttc	cc					2232

<210> 4203  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(126)  
 <223> similar to gil089850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4203  
 ggcacgagct ggaaaaacaat tggcttcaac atgagaaagc tcctacagaa gaagggaanaa 60  
 aagagctgct ggccctaagt aacgcgaacc cctcgctgct ggagcggcac tgtgcctacc 120  
 tctaagccaa gatcactgaa tgagcggacg actgaggaca tatgctttaa gctcgaccca 180  
 ttcccatagc gacgctcatc actctgcttg catgctcttc aaccctcagc tgctggctct 240  
 cgagctaccc cctcaatgtc atgcggcctc cttcccatcc gcccttcctc gccgctgctc 300  
 agtactccgc gttaggagac cttcgctactt agcggcccgcc tccagagtac cgcc 354

<210> 4204  
 <211> 1834  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1835)...(115)  
 <223> similar to gi5081374 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4204  
 tttttttttt ttaaaaaagg gtcctatgtg gaaatgagtg ggacaatgat aaaaataaac 60  
 aaataattaa aattccaaat caaaacataa ctcttgcccc tgagatcccc agttaatcct 120  
 ctaagaccac aatctccaca ttgtgaactt gatgctggtg ttcttccatc tcagccacaa 180  
 ctttctcctc agtcctcagc tctgtctcca agatgactgc ttgccccca gtatcttcag 240  
 cttctgggtc cggggctgga tcaatctcaa tgatggtctg cccatcctct gaggtgcttt 300  
 caacagcctg aattgccgag gttaggccgg actccatggc caccaattcc acagggctaa 360  
 ccatggtggt catgttgccc agtggtactcc catcctgcat ggcagtagag ctgagcagcg 420  
 ccaagctaga tgaagggtgg atggtcactg tgtctggtga gctgctcttg gcagaggaga 480  
 ccactgtggc atagcgggaag agctgagggc cagaaggcag tgtgtggaca gtcacaggac 540  
 tggagccctg gctgaggggtg gccactggaa tattgcccac ggaaaatgac tgacccactg 600  
 ggggtgatggt gatgggtgag atgactgtga actcaggctg ctggacagga ggagaagggc 660  
 tcaagacagt ggtggaggct ggccgctgga gccggggcct ttttgaggc ttaggagtgc 720  
 tcacaggcat cagtaccaca ttttgaactg tctgagattt cagcctgtga tcctggcctt 780  
 gcttcttctg ctctccaac tggcgttcca agtctgtcag agtatagaga aactgttctt 840  
 ctccctgctc tacttggttc cttctgttgt ctaaaacctt cttgactgtg tccattaggc 900  
 caaatgtgtg tgctacattg ttgagaacag cagcatctgt gacttggaag ggagcctgga 960  
 tgagccgctg ctgaactccc ctgagtagct cctctatttc cttctgtata ttgcagacaa 1020  
 cctcttccat cagccctaca tcagctattc ctttccagaa catcaaagtg tcctctgaaa 1080  
 tttcctctga gtctttcttt acaccctcct ccgtggccat ggtgacagca gcggtgagag 1140  
 ctgagttcca ttccagccct gcctcttcca tgctctcttc tgagatggca atctgcgtga 1200

tgctaccatc	agccgaagtg	ggtgtctgca	ccacacttgt	ctgctgtcct	ggcactggag	1260
ctcttgcact	gctgatcaga	agatcaaatt	tgggtgcttct	gcagggtattg	gagcaaaactt	1320
tgtcatgttg	gtaaaaatca	atctgtccgg	agtccatcat	tttcctgagc	atgatccccc	1380
ccagacgaat	agctctcttc	cagtccttca	gagtggactt	gccagccaga	tgaacaaagt	1440
gcttggggct	gatcaactga	tcattgaact	tgacacactt	cacgtttatt	cctggacata	1500
caaacttctt	ccagaggagg	atggccttgc	tctccccaca	agttatgggg	taagcaattt	1560
ccatatactc	atctgtcttct	atagtgcctg	tatcaatccc	ttcttcaatt	ttgtgtatcg	1620
tgtgagtttc	tactgctaca	actgccgtgt	tgttctccga	cccagcttca	taaatcctgt	1680
tgtaaaagtg	tccatcgata	aacaaacctt	gttgcacagg	ctgtaactgc	aaaatcactt	1740
gggttttagt	gtcttcagga	ttctccccctt	catttccttc	agtaggtacc	acaaccacat	1800
ccccactgg	gacactcact	tctgcattag	ccat			1834

<210> 4205

<211> 2294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(1576)

<223> similar to gi3253159 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4205

acacacctac	cttccccctgg	aggctctgtaa	cattgtggca	ggacaaagat	gtattaaaaa	60
attaacggac	aatcagacct	caaccatgat	cagagcgact	gctaggtcgg	cgcccgatcg	120
gcaagaagag	attagcaaat	tgatgcgaag	tgcaagtttc	aacacagatc	catacgcccg	180
tgaatttgga	atcatggtca	aagacgagat	gacagacgtg	actgggcggg	tgctgcagcc	240
gccctccatc	ctctacgggg	gcaggaataa	agctattgcg	acccctgtcc	agggcgctctg	300
ggacatgcgg	aacaagcagt	tccacacggg	catcgagatc	aagggtgtgg	ccattgcgtg	360
cttcgcccc	cagcgccagt	gcacggaagt	ccatctgaag	tccttcacag	agcagctcag	420
aaagatctcg	agagacgccg	gcatgcccat	ccagggccag	ccgtgcttct	gcaaatacgc	480
gcagggggcg	gacagcgctg	agcccatggt	ccggcacctg	aagaacacgt	atgcgggcct	540
gcagctgggtg	gtggtcatcc	tgcccggcaa	gacgcccgtg	tacgcccagg	tcaagcgcg	600
gggagacacg	gtgctgggga	tggccacgca	gtgctgtcag	atgaagaacg	tgcaaggagc	660
cacgccacag	accctgtcca	acctctgcct	gaagatcaac	gtcaagctgg	gaggcggtgaa	720
caacatcctg	ctgccccagg	gcaggccgcc	ggtgttccag	cagcccgtca	tctttctggg	780
agcagacgtc	actcaccccc	ccgcccggga	tgggaagaag	ccctccattg	ccgccgtggt	840
gggcagcatg	gacgcccacc	ccaatcgcta	ctgcgccacc	gtgcgtgtgc	agcagcaccg	900
gcaggagatc	atacaagacc	tggccgcat	ggtccgagag	ctcctcatcc	agttctacaa	960
gtccacgcgc	ttcaagccca	cccgcacat	cttctaccgc	gacgggtgtct	ctgaaggcca	1020
gttccagcag	gttctccacc	acgagttgct	ggccatccgt	gaggcctgta	tcaagctaga	1080
aaaagactac	cagcccggga	tcaccttcat	cgtgggtgag	aagaggcacc	acaccgggct	1140
cttctgcact	gacaagaacg	agcgggttgg	gaaaagtggg	aacattccag	caggcacgac	1200
tgtggacacg	aaaatcacc	acccacccga	gttgcacttc	tacctgtgta	gtcacgctgg	1260
catccagggg	acaagcaggc	cttcgacta	tcacgtcctc	tgggacgaca	atcgtttctc	1320
ctctgatgag	ctgcagatcc	taacctacca	gctgtgtcac	acctacgtgc	gctgcacacg	1380
ctccgtgtcc	atcccagcgc	cagcatacta	cgctcacctg	gtggccttcc	gggccaggta	1440
ccacctgggtg	gataaggaac	atgacagtgc	tgaaggaagc	catacctctg	ggcagagtaa	1500
cgggcgagac	caccaagcac	tggccaaggc	ggtccagggt	caccaagaca	ctctgcgcac	1560



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catgtacttt gcttgacatg ttttagtggt tagcgattgt gtaccgagtg ggattcacga 1620
gaccagctac actcagacca acagatggcc agcccttccg tgacagccag catcgaacat 1680
gagacgtcat tgatttttatt agattctccg ttttccagaa tgccttccgt cccagatttc 1740
aaacttggat tttgaactgc agacctgtat gagaacccaa tgtcatagga aatatgggtt 1800
gctaaaaatct ataagctgct tattaaaaaca gagtcccgtg tgccttaaaa atctcctaaa 1860
accagtctat gaactcaggg ctttaaaaaca tttttaattt atttgggtcat tcaatttact 1920
tgtttttaat acatgattct ctatgaaatt gatgggctca aactagctgt gaatcttctg 1980
agagtgaag caacacaaaa cacaagtgtg gttttaaaagc cttgaacatt ctgatgttgt 2040
cactaaagtt gatttccagg cgatgctcgt gtgcccctgg cgtggctcac ccaagttcct 2100
cgactgaggg ccggtggcca tgcagaggcg tccgcaggtg ccgtgttctg ccagcaccgc 2160
ccttcacccg gcctgaacta aggagcagtg gcagaaggtg ggccccgtgt gtttacagca 2220
tttcagggtc cagagagggt ggcagacaag tgccatttta ataaaaaatg tatttaaaaa 2280
aaaaaaaaag gggg 2294

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<210> 4206
<211> 950
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (947)...(898)
<223> similar to gi3157938 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4206
gatcacagcc cctacccacg tgcctctcca gtacatcggc cccaaccagc cccggaagcc 60
tggtctgcct ggccagcctg ctgtaagcta agaaccacc cacagcagcc ctcgggggtg 120
tcaactgttc ctggagggtc aggagacccc ggacacctgg gacctgtgtt cctgagcccg 180
tcttgacatc tgtgttcttc ctgtcagctc cagccccggg cccctggacc acgggggtcca 240
cctctcctct gtctgacca tttattgggg actttttgct cagcactgta ggaggaaaga 300
aggaaggagg gatggaagcc tcttcctctg cttctcctgt ccctagaacc gtaaagccca 360
gacgtcctgc tccccactgg gaccctcaat gataacacgg gtcagtgact gactctgagg 420
cagcaaggac agaggagagg tggaccccggt ggtccagggg cccgggctgt gagctgacag 480
gaagaacaca gatgtcagga cgggctcagg aacacagggt ccagggtgtcc ggggtctcct 540
gaactccagg aagcagtgc acccccaggg gctgctgtgg gtgggttctt agcttacagc 600
aggctggcca ggcagcccag gcttccgggg ctggttgggg ccgatgtact ggagaggcac 660
gtgggtaggg gctgtgatcc gatcagtgcc gaggtaggac tggagggcag ggggcacagc 720
cactgagccg tccttctgct ggttactctc caggagcgcg atgagaaggc gggggacagc 780
acaggcggtg gcgttcaccg tgtgggcaaa ctgcagctcc ccagcctcgg tctggaacat 840
gatgtggagg cggcggtctt ggaagtctgt gcagttggaa gcactggtga cctctccaaa 900
gcggcctcgg cctggcatcc aggcctcaat gtcaaacttg cgctcgtgcc 950

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```

<210> 4207
<211> 1165
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1162)...(516)

<223> similar to gi5262505 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4207

tttttttttt	ttcacgtttg	acattttattg	tttattccca	cacccatccc	atgaaacaag	60
caggactttc	catttttacag	atgtgaaaac	caagattcaa	agagactcaa	taacctgctc	120
caggacaaat	gacagaactg	agactttctga	ctccaaatct	tacgctcccc	cgccacacct	180
ctttgccttt	ctctttcaca	ccaatggact	ctatgggtga	ccttggcaca	ggttcttcta	240
agaactggct	cttaacaaaa	actttctggcc	attatctgac	tgaatgtcac	aaacaagtgc	300
tgtaagaact	tgcttagagc	ctttttccct	aaacctgtac	accagctctt	gccttgtgaa	360
tttattcacc	acaaaacaca	tgttcccagg	gggcccaggc	aaaagtctcc	aagtacccca	420
gtcccccttt	ccttcagcct	tgcccacacc	cctcagcctt	cctggttaat	ccaggcgacc	480
caggggtacc	cagaggtcca	ggtcccagtt	gttcacttga	gcactctgatg	taccccaaac	540
acctgtgtga	aacgctctct	gtccaggatg	cgtccatagc	gcaggggtgac	gtagaagggtc	600
tgtttcccac	tgtaccgctg	gatacgcaca	aacatctcct	gaggccgggtc	cttgggtttct	660
gtcaggggaa	tcacatctgc	catgggacag	tatgtgtcct	gccgccagcc	ccagaagtgc	720
agatgggcca	cccgcagcat	ggtgccagac	tcattcagat	acaggatacc	aaccagtctc	780
cgtaagaaat	agctcatcca	gcacagcatg	gtcagggcaa	agcccgatat	cccactcatg	840
aggcacacgg	tggttgagagt	gaggaggccc	tgggagtaca	agtaatagcc	tggtggcaaa	900
gctaccactg	tcagggcagt	ctgtgccaac	ttcagtcgtg	acaggaaccc	gaaggttctg	960
atggcatcaa	aacggtaaaa	catccagaat	ttctcagtct	ctgcgttttg	tagttttctcc	1020
ttcgagatgg	gtgaactgct	gcccacccac	ctcttaggat	cctcctgccc	actgcagcac	1080
cacagcccat	ggagaggcct	ttcccacaca	gctttttccc	gaaacctacg	cacagctcgg	1140
agaagggcag	ccatggcctc	gtgcc				1165

<210> 4208

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(79)

<223> similar to gi5441325 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4208

ggaattcgag	cgtgtgactg	cggaagctgt	gaagccacgg	gagacctcgg	agcctagagc	60
agcagctcag	cgcttctgtg	agaaattccc	tttcctttga	agttttttgc	cctttatttg	120
catccttaaa	gcagttcgct	tgttttccct	ccttggaaaa	attaattatg	atagtattgg	180
cttattttatg	atcaccaaga	cttgtattcc	cttagcatag	cttacagtat	aagttcacac	240
ttagctttga	gcaccagcac	caggaagaca	gcttttttaa	attacttact	tacgtaccat	300

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cttggttccaa aaaagatttg tgggtggtaca aaagctatat agaatacaga agatgaaaaa 360
ggaattgagt gtagccagag ggtggaagca gccaggtgt cccatcaaca gataaatgga 420
taaacaaa 428

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<210> 4209
<211> 557
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(82)
<223> similar to gi205610 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4209
ggcacgagct ggagaatctg gtaaaagcac cattgtgaag cagatgagga tcctgcatgt 60
taatgggttt aatggagagt aagtgtcaaa tctgtgcagg ggggcaccaa gtaagaggaa 120
cagactttat actaaccttt aggaagtata ggtgggcttt gggggctggg cagccagttt 180
tcacttaatt ttctctgatt tacatattag aaaatcctgg gaagggtctt ttagggtccc 240
tcacccccca ccccttggga tctttggtgc aacaaatact actgatgaaa gcaccagtgt 300
ttgtgacaaa catctcccta tcccaagaaa atcgtgcctg gttgcagggg acgcttgaca 360
gcacttgggc ccgtgacagc cctctccgg gccagggtccc tgccacagtc ttcgacatc 420
actgcagtgt cttcaacgtg gctttggccg cccctcgtc cggccacgc tgatcactgc 480
aaattcacc caccacacct cacgcagatt tcaatgtaat gaaccaacac aggatgttt 540
aaactattag ggaactg 557

```

```

<210> 4210
<211> 2572
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2573)...(247)
<223> similar to gi5689373 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4210
ggcacgagtc tttttttctc ttatttgtgt ctcatctcag atgactgttt aggttgaaac 60
ataaaattag acatcgggtca tcgcaaatgt acctgatgtt taacatcatg caccgtcagg 120
acatcatta gtgatacctg aactgatcac gtttcatgaa atccaaacct ttcacactgt 180
ctttcaaaac ggtcatctcc caatcctaag gccagggtccc tgaggcaccc ccgccccggc 240

```

tggggacact	ccgtacctgg	actctctctg	ttgctgttgg	ccacagctgc	cggcacagga	300
ctttcttgag	gacgtcggga	aggaggctga	tggtcaccag	cagcacgatg	gccagccagg	360
cgggcccgt	ggacagcatc	tggatgaaca	cgtagtacat	cctctggtag	ttgaggaacg	420
gccagatcac	tcctccccag	agaagtga	agacaacgta	gaacagcagc	gacccccaga	480
tgacaaaatg	gttgatccaa	gtccagtagt	gtgtgtccaa	tgcaagcttt	agtgtaaactg	540
tgaacaccat	cacggtgaat	accagcgttc	caaacgtcca	gtttccaaat	atctgcccgt	600
tgcttgtcac	agttgtat	tcaaacacga	aataagcacc	aaagaagaac	accagtgcgt	660
caaacagtcc	caggagcgtc	cagtagatga	acacgcgcca	gcgcagcagg	gcattcttgg	720
cgacgtccct	gtacagggtc	gggtctctct	tgagcacgtc	aatgccaaaca	tgctgtctcca	780
tgaggctgta	caggaggatg	gggagggagg	tgaagctgat	gttgtagagg	gtcagatacg	840
cgggtgtcgt	caaagtctgt	tgtgaaaacc	cacagaagaa	ctggtataaa	aactgaggga	900
agatgaagca	gacgttctta	tagaagaagt	actgcacgag	ctcagagatc	ctaataataat	960
aaaaatgccc	gtgaacaagc	agcatcttct	tcaaattgctt	aaactttggg	attgcatagt	1020
cgctgttcct	ggcagcctgg	cggccttcct	tgccgatgac	acctatgccc	acgtgctctt	1080
ccagaatcat	gtgtgacatca	tttgaccat	cgccaattgc	taacgtgatt	gggtgctctt	1140
ttgaaaattt	gattaattta	acaatctgag	ccttctgcaa	gggcgccatg	cggcagcaga	1200
gcaccgcgct	gcagctccgg	cagatttcca	ggaagagctc	cctgtagttg	ccggaactcc	1260
cgtcttctcg	aggttctatt	atcagagaca	gtgcagctcc	gtcgataatt	aaaccgtagt	1320
cctgcataatc	tgctgaaagt	ccggagaggt	tgtctctggt	caggctcccg	ctgtggcgca	1380
ggaccgtctt	gctcagctcg	aacaggacgt	cgtgcaggct	ctgctcctcg	atcctcttgg	1440
tggtcagctc	cagcagctgc	gtgttcctgc	ggaagagctt	gcaggcgtag	cacgtggccg	1500
cggccgtctc	catcttgtct	cccgtgagaa	cccagacttt	gatcccgcc	ttctgcaggg	1560
cctcgatggt	gtctgcagct	ttctcctgca	gccggctctc	aacagctgta	gcaccaagca	1620
gagtaagatc	tttctctatt	tgctcatagg	cttctgctaa	ctttttctct	cgatcttgaa	1680
gggccacttt	ggcagcctgc	agcagcttac	aaatgccttc	atattcttct	tggatcagcc	1740
ttttataagc	aacacacaaa	gttcggagcc	cctccactgc	gttacgctcc	actctggctc	1800
ggatctggtc	aactttgcct	tctatcactc	gggggaatat	cgaagaatct	gctcctttgc	1860
aaaacagata	aatttctcct	gtagcagatt	ttacaattac	actcattctc	cttctgactg	1920
agtcaaaact	caaaatttcc	agcaattcaa	acctttcgat	gtggttctcc	ctgtttaata	1980
tctccatgta	attgtccttc	agccttaggt	aggtaaagcc	aagtctctgg	acaccttcga	2040
ccagcgccac	ctcgtcgggc	gaggatgaga	tgtacacaca	ggatttcccc	ccgtccggcg	2100
atttcctggg	gccgtctacg	ctgtcatcgt	ctttcacctg	gacggtgtgg	cagagacaga	2160
gggcccggaa	aaacagctcc	tcgcgctccc	tcccgttgac	gctgggggac	gagtcaatca	2220
tgctgattcc	tgacgactct	gggaggacct	gcccgttgca	gatgacgtgg	ggcacgtaga	2280
catggccttc	gatgcagcac	tccttgaact	ccatgttgtt	ttccgtgagg	gtgccggtct	2340
tgtctgtgaa	gatgtactcc	acctgtccca	gctcttcatt	gagggtccgac	gtgttcacca	2400
gaggcccctc	gccagtctcc	tcgtcaaaca	tgtcttcgtc	ccaggtgatg	aagtaagagc	2460
cgaggaactt	ctgcatctcg	accgtgacgt	acatggacac	agggatgatg	tagttaaaga	2520
ggaccatgaa	ggccaggaag	tccgtgaatg	ccttgaggaa	cagattcctc	tg	2572

<210> 4211

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (363)...(168)

<223> similar to gi929660 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 4211
ggcacgagga caaagtcaaa gaggagacat ttcacagata cctcagccag gcgccatgag    60
gcctatgagg tcaagaatgg agagaagttt gagaaattag gaaaaaatat tagcgtcagc    120
acacaagtca cgtacgaatg agacaaatcc tagtggtcag atatgttagg aggggtggacg    180
agtggggaga tatgtgatgg ggatgcggga cttgcgtgat gtgggggaggt ggggtggcggg    240
ggttggttgg gggattgggg ctgtggggag gagatggaga gtggtgaggt ggggtgtgtg    300
ggtgtgggga tgggtgaagg ggaggagtgg gggatggttg tgatgggtgt ggggtgagggg    360
ggg
363

```

```

<210> 4212
<211> 1153
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (923)...(457)
<223> similar to gi5739567 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4212
tttttttttt ttgcattgta tgtattacag aagttagaaa caaacacctg gatcaattgt    60
aaacataatc ctgaattaca gtattttcca taggacaaaa cacagcaaga cattttctat    120
ttagacaggc aactttttga tatagagctt atttatactg aagaatctgg aacaaaacac    180
aggacacagt actaatctgt caaatatact atgaaatgca tagtctccac ttaaaatgct    240
gaatgacaca cacgttttgc aagcattact gctttccaca aaaactgctg aataggagtt    300
ccgtccctgc caagatcagt gtttaagaga tactttatga tgctgataag tattattggt    360
ggtggtggtg ttcagaaagt ttgtcaactc tgcagatgtc tgaaatcttg ttccgaatcc    420
atggaacata ggggtggaggc cagctccccc ttttttagat gatcacatag ttctgagcag    480
agatgtggtc ctcaccctgc agttcctgca ggagctgctg ctgctgggat ggctgctgga    540
cagaggcctc catggagccc gctgtgctgg tgtcatcaga aagagacgta aaggaaaccc    600
gggatgagag ctgctcaacg gtcagagttg ccaaagctga gctctggcca gagttaggag    660
agttcttgag cataaggtca gaagcaggta agagggggcc tagaagtttt acaggacaga    720
aagctgatcc ggttgggatg aaattaacct tgtttttgtc aggacatgaa aagagagggg    780
ccgagatagg ctgacgagac gccatttccct caaagacctt cactcgctca catccctctg    840
ggggctcccg tttgaacatg tagctgttgt ttggtttggg agatgaagca tacttgggta    900
acggtgagct actcccactg tctgtaaatt taaagcagtt atattaacta gtgattgaaa    960
gctcttttaa atttgatttc caaacaacaa gccttttgca caatttatcc actactgccc   1020
ctatgctttg accagtcctc tttattgcaa agctatttct tataccctgt gtagcacatt   1080
tcttgtaaat aaaaactgca atgcaacagt catctgccac accatagaac ataaaaagga   1140
catttctcgt gcc
1153

```

```

<210> 4213
<211> 406
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (405)...(137)

<223> similar to gi871299 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4213

ggcacgagga	caatggtggt	tggaggaaag	ggaagggggt	ggggcggcct	ccgtccttta	60
gtcctgatca	aggtgaggag	atgcaagtcc	attaaaaaaaa	catttgcttc	caaccagact	120
cctttctcag	tggtgccggg	cccgttctct	atcccgggtg	ctctcatgct	cccgggttcct	180
ttcttgaaaa	taatcatcat	gccgatcttc	attatgaagc	agatcccggg	gcctcctgct	240
gctctcccgg	gaccggctag	gtgacctttc	ccggggagcga	tgtcttttcc	tggaagagct	300
cccactggca	cccacactgt	aggacttggc	ttcaatgccca	tgaagacagt	ccttaagaga	360
ggagatgagg	acacggcaac	gctcatcatt	ggcaaccccg	gtatatt		406

<210> 4214

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(926)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (10)...(284)

<223> similar to gi3309541 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4214

ggcacgagcg	gcacgagggc	tgaacaggaa	aagcgagaga	aaacggcctc	accagcttac	60
acagcactga	ccaccacagc	caaagtccgg	ccaaggaaac	taggattttc	acacttcgga	120
aacataagaa	aaaagaagtt	cgatgaatcg	acggactaca	tttgcccaat	ggagcccagt	180
gacggtgtca	gtgatagtca	cagggctctac	agtggctacc	ggggcctcag	cccccttgat	240
gcccctgaac	tggatgggct	ggaccagggtg	ggacagatta	gctgatgcc	ttgtcacctg	300
ccctctgtgc	accctgagag	ctcacagtaa	cactgtgtgt	gtcaccatat	aactgcacct	360
cacccccgca	cgtgtgcatg	actgcgagag	aatattccag	caattgtgta	cccctgggcc	420
agtctctttg	aaccctgagg	gtggccaggga	tctggagctg	catctctaag	gggccaggct	480
ttggggacca	ttgcaaagg	tggactcagg	aggaaagaca	cttaaagaca	cttttacatg	540
tctagtaatt	cttgatgttc	atcttcagca	ccagtggaaa	cacatgaact	tcgatgcagg	600
tccagagacc	atggacactc	ccacgaggct	cagctctcag	gcacccccta	cacttcagtt	660
gagggaaaag	ctcaagtgcc	ttagggccgt	ggaccacagt	cttggctgag	atcaaaggga	720
tgagcaacag	ggacttctgc	cacagtgaca	atggaattgt	gttgtgcctt	acttcagagg	780

tggtctcttc	tttcttgtaa	taaaagcaat	atztatgcgg	nnnnnnnnnn	nnnnngggcg	840
gccgttttaa	aggatccaag	ttatacgccg	cgggctggca	aggtaatagt	ttttttatgg	900
ggccccaaa	attcaatcca	cgggg				925

```

<210> 4215
<211> 645
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (646)...(487)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	4215					
ggcacgagct	ggaagaaatt	taacaaagaa	taggaggatt	tgtacactaa	aaagtacaaa	60
acattgttaa	tagaaattaa	gtaagaccaa	ataaatggaa	aaacattaaa	tgtttttgta	120
tcagacaact	taatattgtt	aagggtgtaa	tactacccaa	attgatgtga	agaaccaaca	180
caattcctat	aaaaatccca	gctggttttt	tgcagaatca	ataagctgat	cctaaaattc	240
acatagaaat	gcaagaaatc	cagaagagcc	aaaacaatac	tgaaaaagaa	caaagttgga	300
ggattcactc	ttcccaatth	caaattgtat	gacaaaacta	ttcaaggttg	ggtgaggtgg	360
ctcgtgcctg	taatcccagc	actttgggag	gccaagggtga	gaggatcact	tggaaccagg	420
agtttgagac	cagcccaggc	aacacagtga	gactccaact	ctataaaaaa	ttaaaaatta	480
gccagggggc	caggtgcaat	ggctcacact	tgtaatccca	gcactttggg	aggccaaggt	540
gggcagatca	cctgaggtca	ggatttcaag	accagcctga	ccaacatgga	gaaaacccgt	600
ctctactaaa	aatccaaaat	cagctgggtg	tggtggtgca	tgccct		645

```

<210> 4216
<211> 951
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(952)
<223> similar to gi4583386 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	4216					
atgcggggcg	cggcgggcgg	ggggggcggt	cggacggccg	cgctggcgct	gctgctgggg	60
gcgctgcact	gggcgcgggc	gcgctgcgag	gagtacgact	actatggctg	gcaggccgag	120
ccgctgcacg	gccgctccta	ctccaagccg	ccgcagtgcc	ttgacatccc	tgccgacctg	180

```

ccgctctgcc acacggtggg ctacaagcgc atgcggctgc ccaacctgct ggagcacgag 240
agcctggccg aagtgaagca gcaggcgagc agctggctgc cgctgctggc caagcgctgc 300
cactcggata cgcaggtctt cctgtgctcg ctctttgcgc ccgtctgtct cgaccggccc 360
atctacccgt gccgctcgct gtgcgaggcc gtgcgcgcgc gctgcgcgcc gctcatggag 420
gcctacggct tcccctggcc tgagatgctg cactgccaca agttccccct ggacaacgac 480
ctctgcatcg ccgtgcagtt cgggcacctg cccgccaccg cgctccagc gaccaagatc 540
tgcgcccagt gtgagatgga gcacagtgtc gacggcctca tggagcagat gtgctccagt 600
gactttgtgg tcaaaatgcg catcaaggag atcaagatag agaattgggga ccggaagctg 660
attggagccc agaaaaagaa gaagctgctc aagccggggc ccctgaagcg caaggacacc 720
aagcggctgg tgctgcacat gaagaatggc gcgggctgcc cctgcccaca gctggacagc 780
ctggcgggca gcttcctggg catgggccgc aaagtggatg gacagctgct gctcatggcc 840
gtctaccgct gggacaagaa gaataaggag atgaagtttg cagtcaaatt catgttctcc 900
taccctgtgt ccctctacta ccctttcttc tacggggcgc cagagcccca c 951

```

```

<210> 4217
<211> 2260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(865)
<223> similar to gi4322936 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4217
gaggcggaat tctagaggag ttggagagaa ggcgcaaaga agaagaggag aggagacggg 60
cagaagaaga aaagaggaga gttgaaagag aacaggagtg ccgatggcgg gagatggagg 120
agcaccggca ggcagagagg ctccagaggc agttgcaaca agaacaagca tatctcctgt 180
ctctacagca tgaccatagg aggccgcacc cgcagcactc gcagcagccg ccaccaccgc 240
agcaggaaag gagcaagcca agcttccatg ctcccgagcc caaagccca ctagagcctg 300
ctgaccgagc gcgagagggt cctgtgagaa caacatctcg ctccccgtgt ctgtcccgtc 360
gagattcccc actgcagggc agtgggcagc agaatagcca ggcaggacag agaaactcca 420
ccagtattga gcccatgttt ttgtgggaga gagtggagaa gctggtgcc agagctggca 480
gtggcagctc ctccagggtc agcaactcag gatcccagcc cgggtctcac cctgggtctc 540
agagtggctc cggggaacgc ttccagagtga gatcatcacc caagtctgaa ggctctccat 600
ctcagcgctt ggaaaatgca gtgaaaaaac ctgaagataa aaaggaagtt ttcagacccc 660
tcaagcctgc tggcgaagtg gatctgaccg cactggccaa agagcttcga gcagtggagg 720
atgtacggcc acctcacaaa gtaacggact actcctcatc cagtgaggag tcggggacga 780
cggatgagga ggacgacgat gtggagcagg aaggggctga cgagtccacc tcaggaccag 840
aggacaccag agcagcgtca gtccccggtc tcttttagag cggatgagag tattctctca 900
gagcctgctt tccactggga cctagtgtgt cctagactat tccgtgacct catgagcact 960
tactatgtag ttctcgtgga ttccagcagca ggtgcgcctt tggtttccct tctctctgtt 1020
ggtgtgtgca tatgtcagtg cttccccccag cccccagcg tgtactttat tttttccttt 1080
tgatttgagg atatatgata caggggaaat ttcagtttggt tataactact ttaattagcc 1140
ataattattc attctaagtt tttgctcaga aacaaatggc actggaaaga aattctttgt 1200
taaagggaga aagctaagca gttgcttttt tggaggaggc tttatatcgg tagcctcatc 1260
tcatgttttg attttgagaa ggcgaaaagc ctaaacagga tctccttgac tccagagatt 1320
aaggccttct acgtctggat tttttctcca taggtcatct ctgaatttga gcaatggtga 1380
aacggaatct gtgaaaacca tgattgtcca tgatgatgta gaaagtgagc cggccatgac 1440

```



cccatccaag	gagggcactc	taatcgtccg	ccaggtaccc	gtgtcttctc	tgttgtcaga	1500
ggctgagctt	ctcctgtggt	cattaaccca	cttgctcatt	cactcactca	tgctgtttct	1560
ccatcatcat	ctgttttcat	gttaacaagt	cccagagggt	caagtgtcga	gtgtcggggg	1620
ctagggaggc	aggtgtgtac	tgcattgcca	gaaggtagcg	agtagtctcc	acccacatc	1680
gctgctcctc	tgcattgtctg	cggcagccct	cattcaagca	ccgcgctgag	tctcacagtc	1740
tatgtctgag	cgggagagaa	gcccacaggg	agtccttaaa	caggctcaca	gagtgaggaa	1800
gccaggtctg	gagtctggca	gagccagcca	ccatggctct	gcagagccac	gctgggctct	1860
gagtgtctgc	agtgccacag	tgggagcggg	tgaggcaggc	aggacgagcc	tcatcacagg	1920
cccagagact	cggagagcag	aagggttcgg	gaggtttctc	ttctatgttc	caaaatgtta	1980
gttttctcac	ttgttgaata	attaaatgtg	tgccacccag	atatgctcag	tttgatcac	2040
taagctttat	aactgtctgt	tcatcttcta	gcttagactt	aattaaagtg	atacgtttct	2100
catttaaata	gaacagggca	cctatttagt	attttggact	ttgccctaag	tgtgtttcat	2160
gctatggcaa	tgcattcgga	tggaaagttag	gaagaatgtg	gaaaagacca	ggattcagag	2220
aatccacagg	tactttctgg	agctttgcaa	agaaagattt			2260

<210> 4218  
 <211> 2077  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (110)...(966)  
 <223> similar to gi3941342 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4218						
tttcgtctaa	cctcggctct	tcccagtcct	ctggactata	atggggaaca	cattgggcct	60
ggcaccaatg	gggactttgc	cccgccggag	ccccgcgga	gaggaacccc	tgcccaaccc	120
tgggagcttc	gatgagctgc	accgtctatg	caaagatgta	ttcccagcac	agatggaggg	180
agtgaagctc	gttgtcaaca	aggttctgag	cagccatttc	cagggtggcgc	acactataca	240
catgagtgcc	ctgggcttgc	cgggatataca	cctccatgcg	gcctatgcag	gggattggca	300
gctcagtcct	actgaggtgt	tccccactgt	ggtaggggat	atggacagca	gtggcagcct	360
gaacgcccag	gtcttgctcc	tcttggcaga	gcggctccga	gctaaggctg	tcttccagac	420
gcagcaggcc	aagttcctga	catggcagtt	tgatggcgag	tatcggggag	atgactacac	480
agccactctg	accctaggaa	atcctgacct	gattggggag	tcggtgatca	tggttgctca	540
cttctgacag	agcctcactc	atcggctggt	gctgggagga	gagctagttt	atcacccggc	600
gccaggcgaa	gagggggcca	tcttgacact	ggctgggaag	tactcggctg	tacactgggt	660
agctacattg	aatgtgggat	caggcggggc	ccatgcaagt	tactaccaca	gggcaaata	720
acaggttcag	gttggagtgg	agtttgaggc	aaacacaagg	ctacaagaca	caacattctc	780
ctttggttac	cacctgactc	tgccccaggc	caacatggta	tttagaggct	tgggtgtag	840
taactggtgt	gtaggtgctg	tgctggagaa	gaagatgcc	cctctgcctg	tcaccctagc	900
ccttggagcc	ttcctcaatc	actggcgcaa	cagattccat	tgtggcttca	gcactactgt	960
gggctgaggt	tgtccagagc	cagccccac	agcagctgga	acctctgagt	cagggtgcct	1020
agggccaaag	actaggcccc	tcttcagagc	ccaccttgct	gggtgatctc	taggaccag	1080
gagcagagtg	gtggacagga	ccatgccctc	ctcagaactg	gagctgccac	aggggcagtt	1140
gatgaggcag	aggtttgagg	atccccctc	tgctaccagc	cccagtatca	ccttccccat	1200
gctcttgtgg	ctgtggacta	agggagaagg	attaaggggt	atggctgaat	tccccggca	1260
ccccttgccc	tcaggcttcc	ttcttcttt	ccctttggtt	aatcctgcat	gggattagct	1320
gaccatcctg	ttttccatcc	cagagcctcc	caaggctggg	aaagtagggc	tgaagggcta	1380

CONFIDENTIAL

<400>	4219					
cgaggc	taatgatcct	gattatctga	aacgtcaagt	tggtttctgt	gccagtgga	60
agacaa	tctcttttta	aaagaaggta	gacagctgac	ctatgagaaa	gtgaacttga	120
cattag	ggccatgctg	aatagcaatg	atgtcagcga	gtacctgaag	atctcacctc	180
cttaga	ggctcgctgt	gatgcctcct	cttttgaaag	tgtgcgttgc	accttttgtg	240
cgccgg	ggtatggtac	tatgaagtaa	cagtggtcac	ttctggcgtc	atgcagattg	300
ggccac	tcgagacagc	aaattcctca	atcatgaagg	ctacggcatt	ggggatgatg	360
ttcctg	tgcgtatgat	ggctgccggc	agctgatttg	gtacaatgcc	agaagtaagc	420
cgtaga	cccatgctgg	aaagaaggag	atacagtagg	atttctgtta	gacttgaatg	480
gcaaat	gatcttcttt	ttaaatggca	accagctgcc	tcctgaaaag	caagtctttt	540
ctactgt	atctggattt	tttctgcag	ctagtttcat	gtcatatcaa	caatgtgagt	600
cttttg	agcaaaaacca	ttcaaatacc	caccatctat	gaaatttagc	acttttaatg	660
cgccct	cctaacagct	gaagaaaaaa	tcattttgcc	aaggcacagg	cgctttgctc	720
gaagca	agtcagtatc	cgagaaaact	gctgttcctt	ttgttgtgat	gaggtagcag	780
acaatt	gaagccatgt	ggacacagtg	acctgtgcat	ggattgtgcc	ttgcagctgg	840
ctgccc	atttgtgtcg	aaagaaatag	tatctagaat	cagacagatt	tctcatattt	900
ccacat	gtgaagaggc	atcgtggact	tttttctact	caattccagc	caatgttgaa	960
aaaaga	aaaaaaaaaac	tctctaatac	gttgtagaca	cattgaaact	tatagccatg	1020
gatttt	atgctaaaaa	tggtagtttg	tcaaagacaa	aattctctta	gaatctaata	1080
ctgcca	gccctgagaa	aatccctttt	aaggccaagg	aaagctgaat	gctagcagcc	1140
ctgtgg	tacttccatg	agaaaccata	gcagacaatg	ccctcccaag	tactgaaatc	1200
tggaat	cccccttggt	gggttcattt	gattgtttta	cacaggatgt	gttgtgtcat	1260
agtttt	ttatttgggg	cagaagtctt	tatggagatg	taaatagcag	cgtttctggg	1320
gcataa	cttctcactg	gtcagagaca	ccggtgtgtc	aagcatggat	attgcattgc	1380
cttgaa	tctataaaaa	ttagaatcac	acagtcagta	ctacaagcaa	aacagagaac	1440
agaag	gtgcacagac	tgtaagaaaa	aacccaagtt	tgtgatattt	caatgattcc	1500



```

aacttctaaa ttttgtctta ttacctgttt gacatcgtaa aagattttaga ggtgaaagag 1080
tatccgggaa atttttagcct taaagctgcc catcaggacc aggaaccag agttgcagct 1140
ccgnggtggc tccgggctgc ccattgggat acccggggat tagagcctgt tagcncagtg 1200
gtcctccaga accttaattt cccaagaga gtccgataat gggccc 1246

```

```

<210> 4221
<211> 1214
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1078)...(464)
<223> similar to gi2822157 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4221
tttttttttt ttgacagtaa gagcaggttt actgttggca acagcacagc cctgtggcac 60
ccaagggtag cgggtggggg ggcggccggg tctcctgggg ccccgttctc cctcccattc 120
tctaggtccc tggaggccag acccctgggt gcggcccatc ctagcagtggt ttctggctgg 180
gtctgtcctg ggcaggagag gaggtccctt ggagaggcag tgatggctac agcgtctgta 240
gggagctggg gacacttccg gccagccatg acaggcccaa gcctgctcag ctctgcaactt 300
ctggggatcc ccttattcct gactctcccc cctccccac ctggaagaga cctaggccct 360
gcaccctaata gaggaggacc ggggtgaggg ggtgcagagt gtctggggg ggctccgagc 420
gcttggcagg ggactcagca aggggagcgt agggcgggcc tcacgtctgc agctccagga 480
ggcagttggg ctctgagggt ggggagccgg ccgggctgga gctatgggccc tcgaggagg 540
cctgcagcac ccggagcagc cgggccaatg agtcctcggg gactttgcca gggctcgtgg 600
gcaccgtgcc tgccctctcg ccccgctca gctcccgggt cctctccac agcatggcct 660
ccacgcccag cagggtgccg tagatgagct gggcctcaag gtcatggtca agagggtcat 720
tccactcctg cagggtcacc cgtgaccggg tcttatcgca gccctgacct gtcttctctt 780
tttggtggca gcagctccac ttgtccccac ggaagacgcc aggggtggtag gagcccagca 840
gtccggtggt gttgatgctc accttccgca gcgcagacag cactgggta agctcattca 900
cacacttgga gctgggcgtc ttgcggaagc tgagggcctc ggtagttagg gagaagtaga 960
gcttcttgaa ggaggaggac atgagggggc ccttgccctt ggtcctgtgg atgaagagtg 1020
gcccctcctt cacagggtgg gcctgcaaac tcagcgtccg ctgcagggtcc agctctgcca 1080
ggccaggagg ggaggggaat agagagccca gtgaatgagg gcgggactgg ggggagcgga 1140
gcagtgggag gggccatggg gctcaagggc tgagcaaadc tgaacagcag gcagtggacg 1200
tagtcactcg tgcc 1214

```

```

<210> 4222
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(346)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (5)...(158)  
 <223> similar to gi344410 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4222  
 ggcacgagcc cgcaagcaga tcgtagctgg ggtgaactac ttcttggacg tggagctgag 60  
 ccgaaccacg cgtaccaaga cccaacccaa cttggacaac tgccccttgc atgaccagcc 120  
 acatctgaaa gggaaagcat tctgtctttt ccagagctag cctgacaacc cggcattcaa 180  
 gtaacacatt cccaattaac accggtgctc aaatcatcgg caatcccatg ccaacaggac 240  
 tcggctccgc atctaagcca ttcaggggtg gacctccgcg acgattctga cgatgagctc 300  
 tctgccatgg ttgtaagata atcgaccgca atgtcctgtc aactn 345

<210> 4223  
 <211> 1945  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1755)...(956)  
 <223> similar to gi3327172 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4223  
 tttttttttt ttaaataattt aagagctcaa aggtatacag gcagaaagtg gaaaatctca 60  
 ctactacttt ttatttctaag ctacaggtgt ttcagatatc tatttcacaa ccaagaccat 120  
 gaaacccatc atagtattttg tgactactat gaaaactatg acatgtcagt cagccttgct 180  
 gctgtgtgtg tgctgtatat aagtccatta catattcctt ataggctggg attgaaaacc 240  
 tgaaaatgaa atgaagtccc tagagaaact tggccatgct ggggtgctttt taccaagttt 300  
 ggcmathaaa aaaaaaaaaa atcagtgttc aaaggagaca taaaaaagtc catttaatgt 360  
 aggagagga tgtttagggg gggttacaatt tctatcccct gggggaaaac ccaatacttg 420  
 gtagaaggat aaagaaaaag ccacgtgaaa taatactgaa tagcaccaga atagccttac 480  
 actaaagctc gcatgcgcac agggctggga ggatggcttc ctcttgccag gccctttagg 540  
 tcatttcagc aattgtttctg ttaacatag cattaatgtt atcaagacac agcaagcagc 600  
 agaaagcttg tggagtcaca tttcatagtgt tctcatctcc aaatcagata aaagtgggtat 660  
 acagggttcc atccagaaaag cattcagtcg gagcaagtta aagtcagtac tttctaacat 720  
 acttttaaga tacttatgct gaattagccc aaggagagaa aattaatgtg cttgatgtat 780  
 ttactaagac ttgcatctca agtcttcaat aatgcctatt tttgaaagaa acctaggcaa 840  
 cgaattgaag agacttggaa atgtgccaat tccctaaatg tttttctccc tgtgggataa 900  
 ttttttttaa agggacaata tatttgagga gaagagatta ttcttgggtgc acctacctaa 960  
 ccactgtaca aaagacttca ccatagacat tatactcttg atatcccaaa cataggagta 1020  
 catgtcataa agaattgtcc tggtggcaca attggagagc cgagtgaaca ttcccatcac 1080

tagtccacac	atctcttcaa	acttggctgc	tcgtgaccgc	cattcttcaa	ttttttcaga	1140
gtcttttcct	ttgcaattga	cactgacaac	actactat	gctcgaagcc	attgaaattc	1200
ccgtaacatc	tgtgctcctt	tgggtccatg	ctcgtaaagga	aggtagaata	gatcagcaag	1260
taactgcaaa	tcctccaggg	tcactgggtc	cgagtggtac	aaaggctttt	catttggacc	1320
tggcacaac	tgctccttgt	ttgtctgttc	atcagtttgc	atgggggcaa	tgctactaat	1380
acaatcttct	tgcatggaca	tctctgggga	ttttgattca	gctatgctct	ctttatcagt	1440
gtccattggt	ttcaattcct	ctgccatttt	cgcttcaaca	atttcaactca	gtatttgatt	1500
gtcattcttg	tgggccgttt	cttcttggtt	ttccaccacc	atgtccatgg	gttcttcac	1560
aggctgtttc	ttttcttctt	ccttgggtcag	agtagtaggc	tcaccactca	aggctgctcc	1620
ctggctcata	atgggctcct	gataaactgt	tgttactacg	gttgtggcat	ttaaagaggg	1680
tgtgtcaact	aaaggagtcc	catcaactac	acttgcttta	gctccactgt	gtgcaacttg	1740
cctacctaca	aaaataaata	aatgtataaa	taaaatggtc	acacagataa	tcagaattag	1800
agatagaaca	cattagattc	agaaagatgc	tttatcatat	ttgttaagt	gaacctcaat	1860
tttagatcca	aattaatttg	acctctaaga	aaaatgagat	ttctctatac	tactagggat	1920
gcaggaatgg	aagggcgttg	ggagg				1945

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<210> 4224
<211> 2298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (374)...(1967)
<223> similar to gi5805194 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4224						
tcatcacgcc	tagcttggca	cgaggcaata	gacgcccaga	tagtaaggag	gctgaggcaa	60
gacaatttat	tgaacccacg	aggcggaggt	tgcagtgagc	tgagattgtg	ccactgcagt	120
ccagcctggg	caacagagt	agactctgtc	tcaaaaaaag	aaaaaaagag	ctaaatgttt	180
ttaaatttcc	agagctaaat	attttgtaaa	gaccatttac	aaaaggcctt	cattttatag	240
tggtagccag	gtcacccctt	tccatccata	acctgaggaa	caggaaatta	ggaccctgt	300
gaaggtggct	gagggcaagg	agagaggggt	cctcctctgt	ggcctgcatt	tgagtgtcc	360
ttcttccag	tagcaagaat	ttcgactggg	agtgcgactc	tactcagagg	aacagccaca	420
ggaagctgtg	ccccacctag	aggcggcgct	gcaagaatac	tttgtggcct	atgaggagt	480
ccgtgccctc	tgcgaagggc	cctatgacta	cgatggctac	aactaccttg	agtacaacgc	540
tgacctcttc	caggccatca	cagatcatta	catccaggtc	ctcaactgta	agcagaactg	600
tgtcacggag	cttgcttccc	acccaagtcg	agagaagccc	tttgaagact	tcctcccatc	660
gcattataat	tatctgcagt	ttgcctacta	taacattggg	aattatacac	aggctgttga	720
atgtgccaa	acctatcttc	tcttcttccc	caatgacgag	gtgatgaacc	aaaatttggc	780
ctattatgca	gctatgcttg	gagaagaaca	caccagatcc	atcgggcccc	gtgagagtgc	840
caaggagtac	cgacagcgaa	gcctactgga	aaaagaactg	cttttcttcg	cttatgatgt	900
ttttggaatt	ccctttgtgg	atccggattc	atggactcca	gaagaagtga	ttcccaagag	960
attgcaagag	aaacagaagt	cagaacggga	aacagccgta	cgcatctccc	aggagattgg	1020
gaaccttatg	aaggaaatcg	agacccttgt	ggaagagaag	accaaggagt	cactggatgt	1080
gagcagactg	acccgggaag	gtggccccct	gctgtatgaa	ggcatcagtc	tcaccatgaa	1140
ctccaaactc	ctgaatgggt	cccagcgggt	ggtgatggac	ggcgtaatct	ctgaccacga	1200
gtgtcaggag	ctgcagagac	tgaccaatgt	ggcagcaacc	tcaggagatg	gctaccgggg	1260
tcagacctcc	ccacatactc	ccaatgaaaa	gttctatggt	gtcactgtct	tcaaagccct	1320

caagctgggg	caagaaggca	aagttcctct	gcagagtgcc	cacctgtact	acaacgtgac	1380
ggagaagggtg	cggcgcacat	tggagtccta	cttccgcctg	gatacgcccc	tctacttttc	1440
ctactctcat	ctggtgtgcc	gcactgccat	cgaagaggtc	caggcagaga	ggaaggatga	1500
tagtcatcca	gtccacgtgg	acaactgcat	cctgaatgcc	gagaccctcg	tgtgtgtcaa	1560
agagcccca	gcctacacct	tccgcgacta	cagcgccatc	ctttacctaa	atggggactt	1620
cgatggcgga	aacttttatt	tcaactgaact	ggatgccaaag	accgtgacgg	cagaggtgca	1680
gcctcagtgt	ggaagagccg	tgggattctc	ttcaggcact	gaaaacccac	atggagtga	1740
ggctgtcacc	agggggcagc	gctgtgccat	cgccctgtgg	ttcaccctgg	accctcgaca	1800
cagcgagcgg	gacaggggtg	aggcagatga	cctgggtgaag	atgctcttca	gcccagaaga	1860
gatggacctc	tcccaggagc	agcccctgga	tgcccagcag	ggcccccccg	aacctgcaca	1920
agagtctctc	tcaggcagtg	aatcgaagcc	caaggatgag	ctatgacagc	gtccagggtca	1980
gacggatggg	tgactagacc	catggagagg	aactcttctg	cactctgagc	tggccagccc	2040
ctcggggctg	cagagcagtg	agcctacatc	tgccactcag	ccgaggggac	cctgtctaca	2100
gccttctaca	tgggtgctact	gctcttggag	tggacatgac	cagacaccgc	accccctgga	2160
tctggctgag	ggctcaggac	acaggcccag	ccaccccag	gggcctccac	aggccgctgc	2220
ataacagcga	tacagtactt	aagtgtctgt	gtagacaacc	aaagaataaa	tgattcatgg	2280
tttttttttaa	aaaaaaaaa					2298

```

<210> 4225
<211> 1006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (934)...(534)
<223> similar to gi4008446 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4225						
gtcgactttt	cagaatgtga	agatttttact	cttggcttaa	tttttccctc	cactcagtg	60
taagctgagc	ctccagatgc	tgttacctca	gatttaata	ctggttgaaa	ctccgtataa	120
tctgtagagc	ctccatggct	ctaaaatttg	gaattaactt	ctctttcttt	aaaatgaagc	180
ttttatacat	agctatccac	atatgtacaa	gcagctctta	aggcaagaga	agttaattcc	240
aaattttaga	gccatggagg	ctctacagat	tatacggagt	ttcaaccagt	gattaaatct	300
gaggtaacag	catctggagg	ctcagcctta	gcactgagtg	gagggaaaaa	ttaagccaag	360
agtaaaatct	tcacattctg	aaaataatag	tggcaaaaca	taacactcct	ggactgcggg	420
aaataaaaatt	gagagggaca	tgattagaag	taaacttcta	gaattctact	aattccaggt	480
tcttcaaatt	ggtacaactg	gtgacaatcc	cagagtcacc	agtcatacaca	tcaaagtttg	540
atagagaaag	atgaccaca	ggagcagcct	tgctgtgctt	gaggattggt	caacacttga	600
aatgagcttc	ggatcagttc	ttggctgaag	tccacctggg	cccctttcac	gaaggccaag	660
ctatcagagt	caaccaccac	tcttgcccca	ccctgttcaa	ataccctgtc	gtcgggggtg	720
ataactgtat	ccagtgaaaa	tttgtattgg	aatccggagc	atccacctcc	ctccacttgc	780
agcctgagga	attctgaccc	ttcgggtgatt	tccaaaagcc	tctggacgca	actgtctgtg	840
aggcggatct	gcccttcgcc	ggcctcgggg	ctggaggacg	acgcctcccg	acgcgcctgg	900
ggtcccaggg	aggccgtgag	gagcctgcc	ctcgccagg	gagtgaccgc	tctctgcgtc	960
gcggccgtta	gggacgaccc	ccaggcggca	gccatcttct	cgtgcc		1006

<210> 4226  
 <211> 990  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (267)...(426)  
 <223> similar to gi2632247 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4226  
 catgtgtatc tgctgtctct tagcccagac ttcccgtgtc ctttccactg ggcctttggg 60  
 aggtcacagg gtcttgatgc tgtggtcttg atctgcagggt gtctgacttc cagcaactgc 120  
 tggcctgtgc caggggtggaa gctgagcact ggagtggagt tttcctgtgg agaggagcca 180  
 tgcctagagt gggatgggccc attgttcata ttctggcccc tgttgtctgc atgtaacctt 240  
 ataccacgac caggcatggg ggaaagattg gaggaaagtt gagtgagagg atcaacttct 300  
 ctgacaacct aggccagtgt gtggtgatgc caggcatgcc cttccccagc atcagggtctc 360  
 cagagctgca gaagacgacg gccgacttgg atcacactct tgtgagtgtc ccagtggttg 420  
 cggaggtgag aggagagtag acagtgagtg ggagtggcgt cgcccctagg gctctactgg 480  
 accagcgtct cctgtctcct ggagaggctt cgatgcccct ccacaccctc ttgatcttcc 540  
 ctgtgatgtc atctggagcc ctgctgcttg cgggtggccta taaagcctcc tgggtctggct 600  
 ccaaggcctg gcagagtctt tcccagggaa agctacaagc agcaaacagt ccgcatgggt 660  
 catccccttc actcccagct cagagcccag gccaggggcc cccaagaaag gctctggctg 720  
 gagaacctct gcatgaaggc tgtcaaccag tccataggca agcctggctg cctccagctg 780  
 ggtggacaga cgggctggag aaggggagaa gaggaaagga agttgcctgc catgtctcct 840  
 acctgaggct gaggaaggag aaggagatgc actgttgag agacagctgt aactcaaagc 900  
 cttagcctct gttcccacga aggcagggcc atcaggcacc aaagagattc tgccagcata 960  
 gtgctcctgg accagtgata cacaccggcc 990

<210> 4227  
 <211> 972  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (941)...(296)  
 <223> similar to gi3954938 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4227  
 tttttttttt gatgttttag aactttaatt atgaaaaagg gataaacaat tcaagatggg 60  
 ggaaccagcc ccaaactggg ctggggcaga gagagaccag tccccagcca tacaatagca 120  
 gcaaggggaa gacccacccc cacagatgct ctgccccagc cttcccaga gaccttaaat 180



aattttaaata	gcaggggatgg	cggaggggcag	gttgccctttg	gtgtctgccc	aatgctaaga	240
tgagggggcag	cgccggccca	gcctcagcct	cgggcagggc	tctggggctg	ctgcagggct	300
gggaggtatt	tgagggcagc	agcccatgg	tggcgggaca	agtcctggtg	gaattcgtcc	360
ttgagggcct	ggaggcagtc	acgataagtg	gggctggagc	ggaagcggga	gatgtccagg	420
cttggagcgt	ggggcagatg	gatggtgaag	gcctcgggca	gcaccaggag	ctcatattcc	480
tgggcatcca	gctccacaat	gtgggccact	ttgttccagc	cgaagcccac	aaagcgagga	540
tcatagcggg	gacagtctcg	tggcaccacc	acgtagggtt	catagttggc	cgccatttgc	600
acacggtacg	gggcctgagc	ctcccgccag	cgggcatagt	ctgtgggtgc	gtggcctcgg	660
ggccactcgt	ggtacctgaa	ggtgtagaga	gtgcccgcct	ccagcaaggc	caacagctcc	720
accttggaat	gggggaagct	gaagcggtag	cgcagggctc	caaagtccgg	caccaccagt	780
gctgccttgc	gccggctgcc	cagccccagc	tgctcaatgg	aggccctgag	gtagtcgtag	840
agagaatagg	caggcaggaa	gtcaatgtca	ctgaggaaga	cgtaaggcgt	gagggcctgg	900
gccaaggcca	cgttgcgaag	ctggttgacg	gggtataggg	ggctggctgg	ggcacacaaa	960
gagcctcgtg	cc					972

<210> 4228  
 <211> 2671  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (15)...(1099)  
 <223> similar to gi4689328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4228						
cccacgcgtc	cgctttgact	ccagtcgtgt	gtatgctgtc	tgcaattgcc	ttttcaaattg	60
tttttgagca	ctatttgagg	gatgacatga	aaagggaaaa	tccacctgtg	gaggacagca	120
gtgatgagga	tgacaaaaga	aaccaaggaa	atttgtatga	taaggcaggt	aaagtgagga	180
aacatgcaac	tgaacaggaa	aaaactgaag	agggattagg	ccctaataata	aaaagcattg	240
tcaccatggt	gatgctgatg	ctattgatga	tgtttgctgt	ccactgtacc	tgggtcacaa	300
gcaatgccta	ctctagtcca	agtgtagtcc	tggcctcata	caatcatgat	ggcaccagga	360
atatcttaga	tgatttttaga	gaagcttact	tttggctaag	gcaaaatata	gatgaacatg	420
cacgagtaat	gtcttggtgg	gattatggct	atcagatagc	tggaatggct	aatagaacta	480
cgttggtgga	taataacacc	tggaataaca	gccacatagc	actggtggga	aaagctatgt	540
cttctaata	aacagcagcc	tataaaatca	tgaggactct	agatgtagat	tatgttttgg	600
ttatttttgg	aggggttatt	ggctattctg	gtgatgatat	caacaaattt	ctctggatgg	660
ttaggatagc	tgaaggagaa	catcccaaag	acattcggga	aagtgactat	tttaccacc	720
agggagaatt	ccgtgtagac	aaagcaggat	cccctacttt	gttgaattgc	cttatgtata	780
aaatgtcata	ctacagattt	ggagaaatgc	agctggattt	tcgtacaccc	ccaggttttg	840
accgaacacg	taatgctgag	attggaaata	aggacattaa	attcaaacat	ttggaagaag	900
cctttacatc	agaacactgg	cttgtttagga	tatataaagt	aaaagcacct	gataacaggg	960
agacattaga	tcacaaacct	cgagtcacca	acattttccc	aaaacagaag	tatttgtcaa	1020
agaagactac	caaaagggaag	cgtggctaca	ttaaaaaata	gctgggtttt	aagaaaggca	1080
agaaaatatc	taagaagact	gtttaaatgc	actgttctgg	ttcctaactt	gaagcagttg	1140
tccttgtagag	aaccggtctt	tgccttttagc	tcatgtcgtg	tttcacagca	aagaggggtac	1200
agaaccatca	ctggtccagg	ttaatgtaca	aaattttctg	gcaatgcctg	attaaaaaaa	1260
taaaattggc	ttgttgagaa	cagctgtttt	cgattttctaa	tgtgaagcaa	gacagagcac	1320
tgctgtaaat	gtctagcagc	agattttttt	tttatttggt	catattatcc	ttcaaattctg	1380

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agaatttggg ctaactgcac caaagaaccc tctaatttgg tccctggcac atgcatactt 1440
gtcaatgttt ttattctttt acaagacctg cattttattt gaattacccg aatagcaata 1500
tgtaaaatac aagtgcacaa atgtgatgag agcttcttga accggtaaac tagtacaggt 1560
ctgagaaaga catattagaa gaatcattat acttccttga attatattta ttttcatgtt 1620
tctctaattg aaagaatgtt tcatcaaatg tatattttct gttgcttact gtttgctctg 1680
agaagaagct gctgtttcaa agatggacct ctgagtagct aattgattca agtagttttt 1740
ttatgttgac acattattac tgctgttagc agtcgttttc accagggtact tacagagcag 1800
atttcataca tcattcattc aagggctaaa tttatatttt ttggaaatca tggcaactac 1860
acaggatgtt gcttaccagg acggagtgtt ggtatcttag tactgaagtt agcactatgt 1920
ttacatgcaa aagattaagg aaaaaaccct taaagtggac aggtatccaa agttcatttt 1980
ctgtgactca tcaaagtgcac aaaagacttg taacaacttt gcctggactt ttttcatttt 2040
acaacagtcc atccattcac aatgattttg ttctctgtct catatttttt aatcccttaa 2100
gcatttgatg aaacactctt tagtgctata tgcatttttg acaagttcac tttccagctt 2160
caattgtcaa aaaatgcact aaaatgtaaa tggagattga acaagttcac tttccagctt 2220
ataggcaact ttatacagac ttgaacattt tctccagttg ttagtaaaaa gtgaaagaga 2280
aagggttttt cctgccacag gatataactt ttttttatat aacaagcata acacaccact 2340
gcttttggtg gaaaagtgcac gaatagtatg taccttttat gaagaaaaat gtaatttaca 2400
atattcagtg agaattgtac tgctgatttt cttttccaag gtgtagaata ttctttgatt 2460
tatagaattc atttttgacc cagatgatgg ttcctttaca gaacaataaa atggctgaac 2520
attttcacaa atagagtgtg acgaagtctg gattttctgat accttgatcat ttgggggatt 2580
ttattttact ttgttgcttt aaaattcaat gcagagaagt tgttgactgt aggggaaata 2640
aagttaattc aaattttgtg tcaaaaaaaaa a 2671

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<210> 4229

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (249)...(313)

<223> similar to gil81395 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4229

```

ggcacgagag cacatcatca gtaacatcac tgtcccccca ttgcaagcag caaccgtgac 60
tgtaccttcc tttcccctgc atggatgtgg ggtctcattc attcattatt cccttcctaa 120
atcatgcagg gtttgggcag ggtggcctgc ggggagcaga gagaaggcgt ccattgccca 180
ttgcactagc tagagacaca cccatctgcc ttcttccatt tacctttctg cctgggggtt 240
cctttcagat tccccacctg aaaaggggac acattgagga ctgtgggcac tggacacaga 300
tggacaagta aggagggttg gggctcctgg ggtcggggag agcagggccc cccgttcacc 360
ttccataaaa gctttcctgg tttcattgtg c 391

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<210> 4230

<211> 1054

<212> DNA



004872 01400

tgcagccaag	gcttgaggcc	caaggctgcc	caccttccct	cctgctttgc	ccctgggccg	480
gcaaatacct	ccttcgccag	gtgtgtcctg	gtagcccagg	ttcagggctg	gggaggagcc	540
tgcggaagg	gccgcagcca	ttcaggggac	ctgcctgggtg	gcagctggga	tgaagagaga	600
tggcatgtca	ggctggcccc	gaatcatagc	tccctgagag	ggccaagcag	agagtactgg	660
aaacctccct	acaaaaaaga	cagagacccg	ccccctcaca	cacaaacaca	catgtcctgt	720
tgaactcatg	cacgcacacc	cacgtgcctg	tacttgcccc	caggctggaa	gagaagagac	780
agaaagaccc	catgaccccc	ccatgtggat	ccccatctgt	gtctcagttg	catctgtaca	840
gccttgctctg	caaacttgag	gatgcggggc	aagcccttag	gggcctgcca	gggctcgggg	900
ggcaaagagg	gactcgggaa	actcagtgtg	ccccagatgc	ctcacccatt	ccgtgtcatc	960
acccatgtct	gccacccact	gattgggcaa	ttgtggggcc	atgggggtga	agccccaga	1020
tgactgagca	gttctacaaa	aaatggccag	cacgagcggg	gactagaggg	tcctgatttt	1080
gtgtctgtgc	ctcttcacat	ctctggactc	tgatctcctt	ctcccttccc	atctccaggc	1140
cttctgtctg	tcccagataa	aggcgtgtt	ctccatcct	ccctacccca	tcctctccac	1200
caaatacgctc	ccaattttga	gagccaaaag	ctggcgcttc	tgacttcagg	agcgaaagga	1260
ggaggcctag	tttggggccg	tgtattttta	agcagagtgg	acagcagaga	gtcaatttcc	1320
ctttcgttgg	gagtgggcag	tggggtggct	aattgtcttc	ggccaaccca	ggggcctgtt	1380
gcccaggcaa	ctcaccagct	ccgcctctgc	tgattggctg	ccacgggtgg	agtcagccaa	1440
gatttaaagg	gatgccagcg	attgctcttt	tcaaaaaccta	ccagtcccac	tgtgggtgga	1500
gaaataaatg	gtctttctcc	tcaaaaaaaaa	aa			1532

<210> 4232  
 <211> 3109  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(2619)  
 <223> similar to gi940536 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4232						
ggtggtggaa	ttcgggtactc	cgagcactat	gtcgtccccg	gcgtcgaccc	cgagccgccc	60
cggcagccgg	cgtggaagg	ccacccccgc	ccagacgcct	cggagtgagg	atgccaggtc	120
atctccctct	cagagacgta	gaggcgagga	ttccacctcc	acgggggagt	tgcagccgat	180
gccaacctcg	cctggagtgg	acctgcagag	ccctgctgcg	caggacgtgc	tgttttccag	240
ccctcccca	atgcattctt	cagctatccc	tcttgacttt	gatgttagtt	caccactgac	300
atacggcact	cccagctctc	gggtagagg	aacccaaga	agtgggtgta	ggggcacacc	360
tgtgagacag	aggcctgacc	tgggctctgc	acagaagggc	ctgcaagtgg	atctgcagtc	420
tgacggggca	gcagcagaag	atatagtggc	aagtgagcag	tctctaggcc	aaaaacttgt	480
gatctgggga	acagatgtaa	atgtggcagc	atgcaaagaa	aactttcaga	gatttcttca	540
gcgtttttatt	gacctcttgg	ctaaagaaga	agaaaatggt	ggcatagata	ttactgaacc	600
tctatacatg	caacgacttg	gggagattaa	tgttattggg	gagccatttt	taaatgtgaa	660
ctgtgaacac	atcaaatacat	ttgacaaaaa	tttgtacaga	caactcatct	cttaccacaca	720
ggaagttatt	ccaacttttg	acatggctgt	caatgaaatc	ttctttgacc	gttaccctga	780
ctcaatctta	gaacatcaga	ttcaagtaag	accattcaac	gcattgaaga	ctaagaatat	840
gagaaacctg	aatccagaag	acattgacca	gctcatcacc	atcagcggca	tgggtgatcag	900
gacatcccag	ctgattcccc	agatgcagga	ggccttcttc	cagtgccaa	tgtgtgccc	960
cacgacccgg	gtggagatgg	accgcggccg	cattgcagag	cccagtgtgt	gcgggcgctg	1020
ccacaccacc	cacagcatgg	cactcatcca	caaccgctcc	ctcttctctg	acaagcagat	1080

gatcaagctt	caggagtctc	cggaagacat	gcctgcaggg	cagacaccac	acacagttat	1140
cctgtttgct	cacaatgatc	tcgttgacaa	gggccagcct	ggggacagag	tgaatgttac	1200
aggcatctat	cgagctgtgc	ctattcgagt	caatccaaga	gtgagtaatg	tgaagtctgt	1260
ctacaaaacc	cacattgatg	tcattcatta	tcggaaaacg	gatgcaaaac	gtctgcatgg	1320
ccttgatgaa	gaagcagaac	agaaactttt	ttcagagaaa	cgtgtggaat	tgcttaagga	1380
actttccagg	aaaccagaca	tttatgagag	gcttgcttca	gccttggctc	caagcattta	1440
tgaacatgaa	gatataaaga	agggaatttt	gcttcagctc	tttggcggga	caagggaagga	1500
ttttagtcac	actggaaggg	gcaaatttcg	ggctgagatc	aacatccttg	tgtgtggcga	1560
ccctggtacc	agcaagtccc	agctgctgca	gtacgtgtac	aacctcgctc	ccaggggcca	1620
gtacacgtct	gggaagggct	ccagtgcagt	tggcctcact	gcgtacgtaa	tgaaagaccc	1680
tgagacaagg	cagctggctc	tgacagacag	tgctcttgct	ctgagtgaca	acggcatctg	1740
ctgtatcgat	gagttcgaca	agatgaatga	aagtacaaga	tcggtattgc	atgaagtcac	1800
ggaacagcag	actctgtcca	ttgcaaaggg	tgggatcatc	tgctcagctc	atgcgcgcac	1860
ctctgtcctg	gcagcagcaa	atcccattga	gtctcagtg	aatcctaata	aaacaacct	1920
tgaaaacatc	cagctgcctc	atactttatt	atcaagggtt	gatttgatct	tcctcatgct	1980
ggaccctcag	gacgaagcct	atgacaggcg	tctggctcac	cacctggctc	cactgtacta	2040
ccagagcgag	gagcaggcag	aggaggagct	cctggacatg	gcggtgctaa	aggactacat	2100
tgccacgcg	cacagcacca	tcatgccgcg	gctaagttag	gaagccagcc	aggctctcat	2160
cgaggcttat	gtagacatga	ggaagattgg	cagtagccgg	ggaatgggtt	ctgcataccc	2220
tcgacagcta	gagtcattaa	tccgcttagc	agaagcccat	gctaaagtaa	gattgtctaa	2280
caaagttgaa	gccattgatg	tggaagaggc	caaacgcctc	catcggaag	ctctgaagca	2340
gtctgcaact	gatccccgga	ctggcatcgt	ggacatatct	attcttacta	cggggatgag	2400
tgccacctct	cgtaaaccgga	aagaagaatt	agctgaagca	ttgaaaaagc	ttattttatc	2460
taagggcaaa	acaccagctc	taaaatacca	gcaacttttt	gaagatatct	ggggacaatc	2520
tgacatagca	attactaaag	atatgtttga	agaagcactg	cgtgccctgg	cagatgatga	2580
tttcctgaca	gtgactggga	agaccgtgcg	cttgctctga	agccttgtag	gcaaggaagg	2640
ctccctgcat	gtcctgcttg	ctgcacgcc	catgggtgtg	gtctgcatct	cagttggccg	2700
ccatcagtg	aaatagagct	taaagtcagt	gtttggctgc	ataaaaaatt	tctaacttgg	2760
gttcaatatt	tgtagtgaag	tatctgtttt	catttttttc	acgttataaa	taaaaatact	2820
atgctggccg	ggcgcggtgg	ctcacacctg	taatcccagc	actttgggag	gccaatgtgg	2880
gtggatcatg	aggtcaggag	ttcaagacca	gcctagccaa	gatggtgaaa	ccccgtctct	2940
agtaaaagata	acaaaaaatt	agctgggctt	gatggcatgc	gcctgtaatc	ccagctactc	3000
gggaggttga	ggcaggagaa	tcgcttaaac	ccaggcgcca	gagggttgag	tgagccaaga	3060
tcgcgccact	gcactccagc	ctcagcaata	gagtgagact	gtctcaaaa		3100

<210> 4233

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(208)

<223> similar to gil770466 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4233

gaaaaaatg	atgtttctga	gaataatcgg	aaaagggaag	aaataccact	ggattttaaa	60
accatagacg	atcacaaaac	caaggaaaac	aaacagtcac	ttaaagaaag	gagaaacacc	120
agagacgaaa	cggatacttg	ggcatacatt	gctgcagaag	gtgatcagga	ggtttttagac	180

```

agcgtgtgcc aagcagatga gaattcagat ggcaggcagc agattctgag tttgggcatg 240
gacctgcagt tggaatggat gaagttggaa gatttcctga agcaccttga tgggaaagat 300
gagaattttg ctgcaacaga tgcaattcca agtaatgtgt taagggatgc tgtgaaaaat 360
ggggattata ttactgtaaa agttgcactt aattcaaatg aagaatataa cctggaccaa 420
gaggattcca gtggaatgac actggtgatg cttgccgccg ccggagggca ggacgacctc 480
ctgcgactcc tcatcacaaa aggcgcgaaa gtgaacggtc ggcagaagaa cgggaccacc 540
gccctcattc atgctgcaga gaagaacttt ttaacaacag tggctattct tttggaagca 600
ggagcttttg taaatgtcca gcaaagcaat ggtgagactg cactgatgaa ggacctgtaaa 660
agaggaaatt cagacatcgt acgactcgta attgaatgtg gagctgactg caatattttg 720
tcaaagcacc agaatagtgc cctgcacttt gcgaagcagt ctaacaatgt gcttgtgtac 780
gac 783

```

```

<210> 4234
<211> 349
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(161)
<223> similar to gil871136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4234
ggcacgaggc cttctggaga agagcagaga tacacatgcc atgtacagca tgaggggctg 60
ccgaagccgg tcacctgag atgggagccg tcttcccagt ccaccgtccc catcgtgggc 120
attgttgctg gcctcgctgt cctcgccctt ctcttcctgg aaccccgtec gtcgttgact 180
tcgtggctgg agatgttccc taggcgata tcaccgctaa tggctgaatg gtgtagttta 240
cgcccctgaa ctccctcttg ccttgactaa aaattctgga gctatcattg tcattttcag 300
acgtatgcta cgcccagctc tgcttttgca ccttattcct tggtggtag 349

```

```

<210> 4235
<211> 3076
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3077)...(457)
<223> similar to gi5262605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4235

```

ttttttttt	gggttatacg	gaccatttaa	tgttttttcc	actcacatgg	tttcaacttt	60
gggcttattt	gccaaaatct	aggatggaaa	agtccagtta	tgaacatgtt	cctcccggct	120
ggattttgat	cttgaagaca	ctaaacccaa	tttcagagca	tatttaaatcc	tgggctattg	180
ctgaggccga	cttagaagag	acaaagttag	atgcgaaaga	ggagaatttt	tatgatagtt	240
tgtacgttac	aaatacccaa	gaaactattt	tctttacacc	attattgcca	tgactttttg	300
tggacagttt	cacataactg	taaagtccag	gctgctcggg	tctgacccct	acagacctgc	360
catgttgaag	cccagctttt	tcgctcccgc	acaggtaaga	agctgctgat	cttctgcaga	420
cccgccatgt	tggggcccag	ctccccacgc	caagtcagaa	gctgctcatc	ttctgcaaca	480
gggtttggcg	ccgtttcttca	gggccgatgc	cctcagcaat	ggacttttaag	aagcactgct	540
cgtgtgccct	ctggagcaag	gagctgacag	aagggttggg	cttgcctcaa	gtctcatagc	600
aggtgagggt	ttccaaggct	aaaacgtaga	gtggctcaca	gacctccggg	tggagcatgg	660
ccatgatgtg	cagagcatgg	cagaacacct	gggtgtaaag	aaacagggtc	tcctgggtca	720
ggtcctgttc	tggtccttga	acccaagggc	cagctgcctg	tatcgccctg	actgagtcca	780
ggaggcggtt	gcactgcca	cagaggagtt	tgaccacgtg	gttccagcct	tccagaggaa	840
gccatttacg	acagctatgg	ctgcagagaa	actggaaagt	cctcagggaag	aggacggaga	900
gttgcaactc	ctgggcaaag	ggcttcagggt	tgagcagggg	aacaaactga	atatattcca	960
ggctataagg	gacatggagg	agctgcttct	ccagcagttc	cctgggtcagc	tgggtgaaggc	1020
gctgccactc	ctgagggtcg	caccaaggca	tgactttgcac	cagggccacc	agaaagcctt	1080
tgttgaaacg	tctgacctcc	tcaggattgc	ccacgtccac	caccaagaga	gacagcatcc	1140
tctccgagat	gcccgtggag	acgcagcagc	actccatcca	ggccaggagc	cccgtgccag	1200
ccccgtaccc	tgggtggggc	tgggagggtcc	actcgtcttc	tgaagcttta	cagatctcaa	1260
aaagtgtggc	tggcacttca	cacttgaagt	gcccctcgaa	gaagctcttc	agcctcaggc	1320
ccacagtcca	gtctagctgt	tctaacttgc	ggtggagcca	ggacagggac	ttgatccaga	1380
catccgggga	gaagggtctca	gcattggctg	atacaatctc	acacaggagc	tccaggatat	1440
ggatcgctag	atccttcccta	tccaaagaga	ggcaccgctt	ctccttggga	agctgccagt	1500
atltgctgaa	gcggtccaag	agctggcaca	agctgaagag	gagtggaaac	ggggagcagg	1560
tctggagcca	gtattcctct	cggcacgcgt	ttgcctctag	agtctggatg	aagatcctca	1620
gactgagggtc	tacctcttca	acatctaacc	tcaagaaagg	caggacaaat	tccttcagca	1680
cctcgtctgg	ctcaagaaga	gcagccactg	gaatcccttg	gggtttcacg	ggactcatca	1740
ggcagttcag	gagctctaaa	aattgctttt	cttcccttggg	tgtagagaac	ttcatccaga	1800
cggtttcttt	gaggcatgac	accatgaaag	tggcagatga	attgggaccc	tgctcttcca	1860
caaacctaag	ggcagggaag	gcagtgaaga	tctggcccag	gaacttgtgg	gtgccgagat	1920
tgaccacagc	caggctgcac	atlttcttca	ccgtgacttc	cgggtgcact	atgaccaggc	1980
gggccacgga	ggccacagct	tttgccaagc	cctgttcgga	ggcactctga	gtgagctggg	2040
taaaagttgt	attgagggtct	tcttgaatac	cctccacata	agccagcaac	ttttcagaga	2100
ggccctttcg	cccccaggaa	cgcaggatag	ctgcaaggac	tttattttta	cctggcaggg	2160
agagggtctgc	gtaacattcc	aggatcagggt	ggatcacctg	ccggatctga	gactcaggga	2220
tggctctgtc	agctgtgctg	acgtctatca	ctgtttccag	cagcctcaac	accaagtctg	2280
gctctcggaa	gagggccctg	ttactcccca	ggcaggctac	ccactcgtcc	gagaaggccc	2340
acttcttctc	agaggcaaaa	atgtagcaca	cttccatatg	gcggtccatc	ttctgctgga	2400
tgacggccat	ggcaatggaa	gctgtgatag	cctccaaggc	cctgttcttc	agcacctgtc	2460
tcgttttctc	cagggaagtcc	ctgacacact	ccgccagctc	agaggccacc	tgctgtcct	2520
ccttgacag	gctgggtgcgg	ttcaggtaga	gcgtcgcgtt	ctggctgaag	gaagtacagc	2580
tgtcgacag	ccggtagctg	tcgtaacttg	tccccctggc	gctgcggagc	acggcctgca	2640
actcctcccc	ccactcccgc	agcagggtgt	gcaggaaactc	gcagcccacg	aaaatgggtc	2700
cactggggag	tttggccagc	gaggtcaggc	tgacatcccg	ttctgcctcc	ttcaccttct	2760
ctgccagcgc	ctgctgggtg	tagggattct	gggtgtccga	gttccacaca	gagatcacccg	2820
tggccagttt	gtccagatag	acgggttcag	acacctcctg	ggggtcgtcc	tctgtcagcg	2880
caaacacagt	cagcatgtca	gccagggttg	ccagcgcaca	gcacttctcc	cccggggcca	2940
ggatccgact	ctggatctgt	gtcagcccgc	ggagcagcat	ggccaacagg	ggcatggtgg	3000
ggcacgcgtc	tgggtctgac	ctaagcctct	ttggaggatg	ggggaactca	tctaaggcag	3060
gcaggtactt	atgggc					3076

<210> 4236  
 <211> 1171  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(955)  
 <223> similar to gi3063517 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4236  
 ctcaaccgca agactcctgg gatagttttc ctctttttcca actgcttaat aatttcctcc 60  
 gaaatgacac actttttgtgt aatggaaaaat ttcacaaaca cttgcaagaa atctttgtac 120  
 ccttggttgt ccgctatgtg gatctcatgg agtcttccat cgcccagtca attcacagag 180  
 gttttgagca ggagacatgg cagcctgtca agaatatcgc caacagtctt cccaatgtag 240  
 ctcttccaaa agttccaagt ctgcctctta atcttccaca gattcctaac atttctactg 300  
 cttcgtggat gccttcttta tatgagtcca ccaatggctc agcaacatca gaagaccttt 360  
 tttggaagct tgatgcactg caaatgtttg tctttgatct gcaactggcca gaacaggaat 420  
 ttgcccacca cttagagcaa agacttaaac taatggccag tgatatgcta gaggcctgtg 480  
 tcaaaagaac aagaactgca tttgaactca agctacaaaa ggcaagcaaa acaactgact 540  
 tgcgcatccc agcttccggt tgcactatgt ttaatgtatt agtcgatgcc aaaaagcaaa 600  
 gcaccaaact ctgtgccctg gatggaggac aagagtttgg tagtcaatgg caacagtacc 660  
 attcaaaaat agatgatctg atcgacaaca gtgtaaaaga aatcatttca ctgtagttt 720  
 caaagtttgt ttcagtgttg gaaggcgtgt tgtctaagct gtcaaggat gatgaaggca 780  
 ctttcttttc atccattctg tcattcactg tgaaagcagc tgcaaaatat gttgatgttc 840  
 caaaaccagg aatggatctg gcagacacct atattatgtt tggtcggcaa aaccaagata 900  
 ttcttcgaga aaaggatcaat gaggaatgt atatagaaa gttatttgat caatggtaca 960  
 gcagttccat gaaagtcatt tgcgtgtggt tgactgatag attagacctc caactccata 1020  
 tttaccagct gaagacgctc atcaagattg tgaagaaaac ctacagggac tttcgattgc 1080  
 aggggtgtgtt ggaaggaaca ctgagcagtg ggacttatga tactgcgcac agacgttta 1140  
 caggaaagga gggcacagcc tctgtttcaa c 1171

<210> 4237  
 <211> 1116  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(156)  
 <223> similar to gi4512103 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4237  
 aaaaatcaga agggaacgag aaaagtgaag atgctgaagt tttggatgcc acaccttctg 60  
 gtattatgaa gacagataac acagaagtgc ttctctctgc tgacttcact ggagcaatca 120



aagtgtttgt	taataaaaaga	aaaaatgtat	cttaatttga	aatggcattt	aaaataaaca	180
tatcagtaag	tttctatatg	tatcaaaaact	gaaaaaatag	tgttccaggc	taacatactt	240
ttttaatttt	tattgaaaagt	tgttcaaata	taatataatt	tttgagaggc	agtgttaatg	300
atctaggaaa	ccctgggctg	atagagtaga	aaggaatatg	gctagaataa	cattgccaaa	360
cattaggctt	tatgttttgt	tatgttttgt	ttttcgttgt	ataattatga	acatgcacaa	420
gtttctgcat	gaaaagatat	taatataatta	atcacatgta	tgtgcctttt	ggttacatgc	480
attaaatcta	acagagttaa	attatttcag	tggctctttt	ggcctcttac	taggggggat	540
agtcttgttt	ctagcttaaa	caattttttt	tttgcacaaa	atttcatttt	taataaaaagt	600
ggtatctttt	gactgagtta	ttgttttgaa	aatggtatat	aggtttccag	taggtcaaca	660
accatatgta	aatggttttt	ataaattttt	caattggggg	acaagatttt	tttgttgtct	720
aaattgtggg	gcttaagatt	cttttcttta	tatgtgtaca	tataattttt	ttttctttgc	780
cacactggag	cacaatgttt	ctatgtaaag	aattattttt	attctttatc	catgagcacc	840
aggctttgct	cacttaaaaa	aaaattaagc	cacattaagg	agtgagtctt	cttttttaca	900
ataatgtaaa	aattaaactg	tttacatttt	tttaaagcat	tgtagttttt	aaaaattaag	960
ctgttttgtt	ttgtgttgtt	gaatttgaaa	gcctttgtaa	atatcaatat	aatgtaccaa	1020
tgaaaataaca	tctggggcaa	tgaaaccctg	atcatgttgt	tgatgggttag	catatgtttc	1080
tgaaaattaa	atatgtatta	ttaaaagttg	gtctcc			1116

<210> 4238  
 <211> 1016  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (658)...(362)  
 <223> similar to gi505104 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4238	
ttttttttta	acataacacc agtgtttatt ggaagcacaa gcttctttta ttttaaaca 60
aacaaaacca	aaaaccaaaa accaatgagg ctaccaaaaca ggcattcttta tttgtaaca 120
gcttaacact	gaaaataaaa ataagactat gaaagaacaa tacactctcc attcttctag 180
aatcagaact	tagcatgtca ttatgactta agagtacgga gagatgcacc actgaagaag 240
tgtattgtca	acctttcatg ctcaatttag ctagtctctt tgacaaatta accttacaga 300
ataccacaca	aatgggtgat tcctcaactc atatttagctc aaattccata cacaaacaca 360
cctcctcttc	ttcatcagtg ctcttccctg atggcacatt agaagcactt tttgtctcct 420
cccctaaagt	agaagcatca ccattagaag cctgggttcc ttgttctgct tcccactcct 480
gcaataacct	ctctaagtta aaccgacgcc tgtagtttac aaagaagttc ttcacttggc 540
caacagtctt	gttgccaatt acatctgcaa tagcttgaaa atctttacca tatttgcgga 600
caccttgcac	tgctagaagc tgctcctctg tggccaacg ggcattaatt ttctgatttg 660
actacaaaat	taaagagaag tttcctaatt aggatatgaa gacagacatt ttccaaagcg 720
cttatttttt	taaattttca tcaaatcaca gacatgagat tactacaact ctgattcatg 780
aagattccat	ttttagaaag attaaaaata tatattctga gttacctttt acccatgcag 840
aaagataatg	aaagggaaat gtaccaattt gcaagaagga gcaacattcg catttatgct 900
ctaattaccg	atatcgcccc atgagaaagt ctattagttt cacatttccc aaaagggttt 960
cactgtgtag	cagcactggg ctgcgtttcc tgccgtaagc tcggcgaatc tcccc 1016

<210> 4239  
 <211> 843  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (334)...(460)  
 <223> similar to gi5679136 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4239  
 tttttttttc aaggtaatta acctagatat ttatttgtat cactgctgtg tgactgtcaa 60  
 gtatttgtca ttagtttgta cacacacca gccctactct caaataagac aaagagatga 120  
 atatactgca agtgtgtgta caccatgggg aagggtgga ggtgtgtgag cactatagga 180  
 cctataggca gcctgtaatt gtcacacac atggacagag ggattaagaa ctctgtaatc 240  
 accaagatcc ccagaattgt taacaacttg tcttcagat agttttcatc aaagatgcta 300  
 ttatttcagt ctcttctttt tacttttttag gtggtccgag acattctgct gattggacat 360  
 agacaggctt ttgcatgggt tgatgagtg tatgacatga caatggatga agtccgagaa 420  
 tttgaacgag ccactcagga agccaccaac aagaaaatcg gcattttccc acctgcaatt 480  
 tctatctcca gcatccccct gctgccttct tccgtccgca gtgcgccttc tagtgctcca 540  
 tccaccctc tctccacaga cgcacccgaa tttctgtccg ttcccaaaga tcggcccccg 600  
 aaaaagtctg cccagaaaac tctcacactt ccagaccctg agaaaaaagc caccctgaat 660  
 ttaccgggca tggcactctt cagataaggc catgtcggcc caaatctgag taactttata 720  
 taaatatctc atggggggtt tatattttca tttgttgttg ttgttttttt ttaaggaatc 780  
 ttctgatagg ggaaaaagac tgctttgtca ttcaaacatg ttccttcgac cttaaaaaaa 840  
 aaa 843

<210> 4240  
 <211> 2736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2737)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(1657)  
 <223> similar to gi2204213 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4240

ctcacaaaat	gggatctctt	tggttaattgc	tacagattat	tgaagactgg	aattgaacat	60
ggagccatgc	cagaacaggt	agtcgtgcaa	gcactgcagt	gttcccatta	ttcgattctt	120
tggcagttgg	tgaaaattac	tgatgggtct	ccttccaaag	aggatttggt	ggtattgagg	180
aaaacggtga	aatccttttt	ggctgtttgc	cagcagtgcc	tgtctaattgt	taataactcca	240
gtgaaagaac	aggcttttcat	gttactctgt	gatcttctga	tgatttttcag	ccaccaatta	300
atgacaggtg	gcagagaggg	ccttcagcct	ttggtgttca	atccagatac	tggactccaa	360
tctgaactcc	tcagttttgt	gatggatcac	gtttttattg	accaagacga	ggagaaccag	420
agcatggagg	gtgatgaaga	agatgaagct	aataaaaattg	aggccttaca	taaaagaagg	480
aatctacttg	ctgcttttcag	caaacttatc	atztatgaca	ttgttgacat	gcatgcagct	540
gcagacatct	tcaaactacta	catgaagtat	tacaatgact	atggtgatat	tattaaggaa	600
acactgagta	aaaccaggca	gattgataaa	attcagtggtg	ccaagactct	cattctcagt	660
ttgcaacagt	tatttaaatga	acttgttcaa	gagcaaggtc	ccaacctaga	taggacatct	720
gcccatgtca	gtggcattaa	agaactggca	cgtcgctttg	cccttacatt	tggattggac	780
cagattaaga	cacgagaagc	agttgccaca	cttcacaagg	atggcataga	gtttgcattt	840
aaataccaaa	atcagaaagg	acaagagtat	ccacctccta	atctggcttt	tcttgaagta	900
ctaagtgaat	tttcttctaa	acttcttcga	caggacaaaa	agacagttca	ttcataccta	960
gagaaattcc	ttaccgagca	gatgatggaa	aggaggggagg	atgtatggct	tccactcatc	1020
tcctatagaa	attcattagt	cactgggggt	gaagatgata	gaatgtctgt	gaacagtgga	1080
agtagcagca	gcaaaacctc	atcagtaagg	aataagaaaag	gacgacctcc	acttcataaa	1140
aaacgagtag	aagatgagag	tctggataac	acatggctaa	acaggactga	caccatgatt	1200
cagactcctg	gccccctgcc	agcaccacaa	ctcacatcca	ctgtactgcg	ggagaacagt	1260
cggcccatgg	gagaccagat	tcaagaacct	gagtctgaac	atgggttctga	accagacttt	1320
ttacacaatc	ctcagatgca	gatctcttgg	ttaggccagc	cgaagttaga	agacttaaata	1380
cggaaggaca	gaacaggaat	gaactacatg	aaagtgagaa	ctggagttag	gcatgctgtt	1440
cggggtctaa	tggaggaaga	tgctgagccc	atctttgaag	atgtgatgat	gtcatcccga	1500
agccagttag	aagatatgaa	tgaagaattt	gaggacacca	tggttattga	tctgcctcca	1560
tcaagaaatc	ggcgagagag	agctgagcta	aggccagact	tctttgactc	tgcagctatc	1620
atagaagatg	attcaggatt	tggaatgcct	atgttctgaa	gtctgaagaa	aatttacaaa	1680
tctggaactc	tattatttag	agctagaggc	ctatatactg	tgatagcttg	tatggggaaa	1740
aacacttttg	atgtgatctg	atttgttttt	taatcaaatg	attaaggtca	atcccttttt	1800
gcagtgcag	aagaggagca	tgtaaattac	ccaagggaat	gttgggtgaat	gtcaactcag	1860
aaagactgac	ctgaaaatca	tttgtgtcct	actattggac	ttatcccaat	acagatgtgt	1920
gtgtttttct	ggagggagga	agaaatttta	aatttttaaa	acagctgtca	agataaacac	1980
tgtttatacac	ctgttttatg	aaaactcaac	attgagtaaa	aaaaaacata	tttttaactt	2040
tattttcctg	ttgtacaatt	taaaaaccgt	tttaacattt	tgccttttta	tgttttaaaa	2100
gctaaccatt	tttattaaac	ctatgaggta	aggcaggctc	atcctaattg	cgaagagtgt	2160
tttgggagtt	cactggggat	ttgggttgga	cctttgtggg	ggacnacaaa	taatgaagga	2220
gcagaacatt	gacaagctaa	gatggaaatt	ccctgaccat	aggtaccatc	ctcctgcccc	2280
aaaaccacaca	caccctctg	tggatatgga	tatgaattcc	ccccagattt	tatanacctc	2340
cttgaataaa	aggttttattt	ttattttataa	gtgggcataa	aataagaaat	gtccatgcag	2400
ccattttttcc	aacagatgct	gtacaccggt	catttttatat	agactaggga	gattcaaata	2460
cagtgcattt	tctattggta	tttgttctgt	gcattttttag	caacttctac	cagcaaataa	2520
agtattctca	gtaaaacgaa	aatgattctc	aagttatcag	tttgcctgtt	ttaccactt	2580
atttcatgcc	ctgccaatt	caagttacac	agacttccat	tttcttaaga	taatcaatca	2640
tgaagaaatc	ctttatcaat	cattcaaaag	taattttaag	tgtaacataa	ctgtgattac	2700
ttcccatgca	cttaataccc	ttatgcgcta	attttg			2736

<210> 4241

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (3)...(421)  
 <223> similar to gi3413860 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4241

gctccaagga	tcattacatc	aaaatgtttg	atgttacaca	aggagctctt	gggactgcga	60
gtcccaccca	caattttgaa	ccccctcatt	atgatggcat	agaagcacta	accattcaag	120
gggataacct	athtagtggg	tctagagata	atggaatcaa	gaaatgggac	ttaactcaaa	180
aagaccttct	tcagcaagtt	ccaaatgcac	ataaggattg	ggtctgtgcc	ctgggagtgg	240
tgccagacca	cccagttttg	ctcagtggct	gcagaggggg	cattttgaaa	gtctggaaca	300
tggatacttt	tatgccagtg	ggagagatga	agggtcatga	tagtcctatc	aatgccatat	360
gtgttaattc	caccacatt	tttactgcag	ctgatgatcg	aactgtgaga	atttgggaag	420
ctcgcaattt	gcaagatggg	cagatctctg	acacaggaga	tctgggggaa	gatattgcca	480
gtaattaaac	atgaatgaag	ataggttgta	aactgaatgc	tgtgataata	ctctgtattc	540
tttatggaaa	atgttgtcct	gtacttacta	ggcaaaacgt	atgaatcgga	ttaactggaa	600
aatatatctg	aattcaactg	ctgactataa	atggtattct	aataaaattg	tgtactatcc	660
tgtgtgctta	gttttaagat	caaccaatag	atatatatcc	tacaattgat	atattgcttt	720
attcacactt	ttattgtggc	tgaatttttg	tgcctatcta	taaaacacac	tttcaaatta	780
tttgaattac	caagacgtct	gcttttgt				808

<210> 4242

<211> 2006

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1770)

<223> similar to gi5689375 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4242

ccagtccagg	ctgtgaatgt	tgggcagttg	ctggccgtaa	atgccgagga	ggacgcctgg	60
ttacgggcac	aggtcatctc	aacagaagag	aacaaaataa	aggtatgcta	tgttgactat	120
ggtttttagtg	aaaatgttga	aaaaagcaaa	gcatacaaat	taaacccgaa	gttttgttca	180
ctctcatttc	aagctacaaa	atgtaagctt	gcaggcttgg	aagtcctaag	cgatgaccct	240
gatctagtga	aggtggttga	atctttaact	tgtggaaaga	tctttgcagt	ggaaatactt	300
gacaaagctg	acattccact	tgttgttctg	tacgatacct	caggagaaga	tgatatcaat	360
atcaatgcca	cctgcttgaa	ggctatatgt	gacaagtcac	tagaggttca	cctgcagggt	420
gacgccatgt	acacaaatgt	caaagtaact	aatatattgct	ctgatgggac	actctactgc	480
caggtgcctt	gtaagggctc	gaacaagctc	agtgaccttc	tacgtaagat	agaggactac	540
ttccattgca	agcacatgac	ctctgagtgc	tttgtttcat	tacccttctg	tgggaaaatc	600
tgcctcttcc	attgcaaagg	aaaatggtta	cgagtagaga	tcacaaatgt	tcacagcagc	660
cgggctcttg	atgttcagtt	cctggactct	ggcactgtga	catctgtaaa	agtgtcagag	720
ctcagggaaa	ttccacctcg	gtttctacaa	gaaatgattg	caataccacc	tcaggccatt	780
aagtgtctgt	tagcagatct	tccacaatct	attggcatgt	ggacaccaga	tgcagtgtctg	840

tggttaagag	attctgtttt	gaattgctcg	gactgtagca	ttaaggttac	aaaagtggat	900
gaaaccagag	ggatcgca	tggtttattta	tttaccctta	agaacttccc	tgaccctcat	960
cgcagtatta	atcgccagat	tacaaatgca	gacttgtgga	agcatcagaa	ggatgtgttt	1020
ttgagtgcc	tatccagtgg	agctgactct	cccaacagca	aaaatggcaa	catgcccattg	1080
tgggcaaca	ctggagagaa	tttcagaaag	aacctcacag	atgtcatcaa	aaagtccattg	1140
gtggaccata	cgagcgcttt	ctccacagag	gaactgccac	ctcctgtcca	cttatcaaag	1200
ccaggggaa	acatggatgt	gtatgtgcct	gtggcctgtc	acccaggcta	cttcgtcatc	1260
cagccttggc	aggagataca	taagttggaa	gttctgatgg	aagagatgat	tctatattac	1320
agcgtgtctg	aagagcgcca	catagcagtg	gagaaagacc	aagtgtatgc	tgcaaaagtg	1380
gaaaataagt	ggcacagggt	gcttttataaa	ggaatcctga	ccaatggact	ggtatctgtg	1440
tatgagctgg	attatggcaa	acacgaatta	gtcaacataa	gaaaagtaca	gccccttagtg	1500
gacatgttcc	gaaagctgcc	cttccaagca	gtcacagctc	aacttgcagg	agtgaagtgc	1560
aaccagtgg	ctgaggaggc	ttctatgggtg	tttcgaaatc	atgtggagaa	gaaacctctg	1620
gtggcactgg	tgcagacagt	cattgaaaat	gctaaccctt	gggaccggaa	agtagtggtc	1680
tacttagtgg	acacatcggt	gccagacacc	gatacctgga	ttcatgattt	tatgtcagag	1740
tatctgatag	agctttcaaa	agttaattaa	tgactgcctc	tgaaaccttg	acaactaatt	1800
cagatttttt	agcaataaca	aaatgtagta	ggcttaaaaa	aaatcttaac	tctgctacat	1860
ggctctgact	gctgtggggg	attgaaaaga	atatgcttat	gtttgatgaa	agatatttaa	1920
caagtgttgt	tttaacagag	ttgacttttc	aaagaaaatt	gtacttgaat	tattactata	1980
atattagaat	aaaaatgttt	atcaat				2006

<210> 4243

<211> 2008

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1987)...(1692)

<223> similar to gi5668703 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4243

tttttttttt	ttcacaacaa	agaccacgcc	atattatttac	aaaggccagt	gtgggagctg	60
ggggaggcag	ggagggaag	ccacacagac	atcttctctg	gactgcttgg	gaccctttcc	120
cacttggagc	aaactctgtt	cctcttgccg	tcatattctc	agccatgggg	tgggtcctcc	180
aagcagctgg	gccaagtagg	agagggaaga	ggtgatatga	gcctcctctg	tgctctgaca	240
gagaaatgtc	caattccaga	tcaaaggcat	cattgccacc	ctctcctctc	cttcctcaaa	300
gaaaactttc	tggcctggag	ggaaatagtt	aagaactgaa	aggccagggg	gtctggagga	360
aaaaaacctt	ctactattcc	cacaaggcag	tgaggggtga	taagggtgct	agtcacagcc	420
ctgacagctt	cagaaagggt	acccacatta	cctctgggtt	acccagcatc	cagagcccca	480
agggacctag	ctctcccgga	tatatattcc	tgcaatggac	tgaccttttt	acccacttgt	540
ctctgggtgg	gggagagcac	tctgaaccag	aaaccaacaa	ggaatcctct	tcccacccaa	600
cttaagagtg	tatgcacaca	tgtggataca	catgcacctc	cccactactc	acacagaccc	660
caacccccct	catgtctttt	gaggggggct	caaactactg	gtgcctgggg	acacaagcaa	720
gacctgggtc	catggaaatg	tgtgtgtgtg	tgcatataag	cacatatgct	tgaggaaacta	780
aagccaatat	gaccccttgt	ggggcggtgc	gcttagcttc	attgggctcc	ttttttcagt	840
ttaaattcca	ttagcatctc	taagtctctt	ctgccagctc	gggcctggat	tcttctgcct	900
aaaagagcta	tgagtgtctc	cgctccccac	tgttaattcc	aacttccaag	cctttttactc	960
aggctgtctc	ccccattccc	ttcctccgaa	taatctcatt	ccctcctctt	tcacacgaat	1020

ttcctctggg	ctgctccagc	gtttgttaat	tcctgtccag	agagctgtct	catctccctc	1080
ttcagacagg	gagaacaggc	atcttctctc	ttaccctgga	atttccaaca	gttcccacca	1140
aaaagtgtctg	aatgaaccag	aataggggcc	gagaaggaaa	attaccacct	gtttcacctg	1200
ctcctccttc	agagcaagaa	attctagcat	tggttgggct	aggggttggg	gggtagggag	1260
aaaaagaagg	aagagagtta	ccaaaagtaa	acataagaca	aaaccctagt	ggtatagatg	1320
gaagactatg	ttccagtaaa	ccagagagct	ggttcctccc	tcgactctgc	acagccactg	1380
aaagttttaa	gattgcaaaa	gtggtgtggg	gcaaggaggt	agagtcaatc	aatgaaactg	1440
tgaaaactgt	ttaagtagca	ctgctcaagg	agaccaggag	agaagagtct	gttagagacg	1500
tagcagtaaa	accataattc	tcagacagag	ctaaggggtt	ggagcccatg	cctctaaagt	1560
caccctgctg	tttgaaaagg	atgagggaga	agacggaagg	gaggacaagc	tgcagagggg	1620
aaggattgac	agaagaaccg	aatgctgaca	tcgagggagg	ggagaggcag	gaggcatggg	1680
ccgagggatt	aggagagctg	ggagcccagc	agtctctcga	tagctgcgtt	gatgtcccct	1740
cctgtggcaa	tcagggcctg	cagggttagcc	tcacgattga	tgaagcccat	ggagttgagc	1800
tgctccagct	gctgctgaaa	tctcacttct	ggcgtctgca	cctgtgagtt	tccacttcca	1860
gccaaaagct	ggatcatctg	ctgcatgagt	tgctgctggg	cgctggaagc	ccctgttgga	1920
gaagatgtgg	ctggcggtgg	tggtgaggaa	gtgggggcct	cggacgtaga	ccctgcgttg	1980
ctgcctgctg	aggggtgctg	gggtccggg				2008

<210> 4244  
 <211> 2091  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (80)...(1682)  
 <223> similar to gi505033 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4244	
gacataattg	acctgcagta
cccacgcgtc	cggtctgcca
cctgctccgg	gctcctgaga
gctctatgac	ttgagcaagg
gatgccagct	cacttctcgg
gccccagccg	ccacccgacc
agacaagacc	cagctccaca
catcaaggcc	ggggacgcac
tccaagaca	gaccccgctg
gctggaggag	attgactgca
catcaacaag	ctgtcccaga
ggacgacctg	gatgtggccc
agatgtgctg	gacagcctca
gccccggaag	ctgaccctga
actgtcctac	tacaagagcc
caagggtgtg	gaggtggttc
cctagtgtcc	tcccctgagg
gtatgtccgc	tggtatggctg
cagctacacc	agcgaggtgc
tgggggcccc	ggcaaccacc
ccgttccgga	ttcccggggc
gatccgcatg	tcccgcgcga
aggagctgtc	
cagaggaaga	
tggtccgggg	
tgctgagccg	
gctccctgtc	
tgcagcaggg	
tcgatttgga	
gggacctgct	
tgcagtacca	
acccagggct	
cggcgcccac	
gaatctttcg	
aggagaccac	
agctcaacct	
gcattaaact	
atgagcagca	
tggtccgacag	
gcacgggcag	
tcaaccctta	

cggcctcggt	gcccccggt	tccagcgaaa	gttcaaggcc	aagcagctca	ccccacggat	1260
cctggaagcc	caccagaatg	tggcccagtt	gtcgctggca	gaggcccagc	tgcgcttcat	1320
ccaggcctgg	cagtccctgc	ccgacttcgg	catctcctat	gtcatgggtca	ggttcaaggg	1380
cagcaggaaa	gacgagatcc	tgggcatcgc	caacaaccga	ctgatccgca	tcgacttggc	1440
cgtgggcgac	gtggtcaaga	cctggcgttt	cagcaacatg	cgccagtggg	atgtcaactg	1500
ggacatccgg	caggtggcca	tcgagtttga	tgaacacatc	aatgtggcct	tcagctgcgt	1560
gtctgccagc	tgccgaattg	tacacgagta	tatcgggggc	tacattttcc	tgtcgacgcg	1620
ggagcggggc	cgtggggagg	agctggatga	agacctcttc	ctgcagctca	ccggggggcca	1680
tgaggccttc	tgagggtgt	ctgattgccc	ctgccctgct	caccaccctg	tcacagccac	1740
tcccaagccc	acaccacacg	gggctcactg	ccccacaccc	gctccaggca	ggcaccagc	1800
tgggcatttc	acctgctgtc	actgactttg	tgcaggccaa	ggacctggca	gggccagacg	1860
ctgtaccatc	acccaggcca	gggatggggg	tgggggtccc	tgagctcatg	tggtgcccc	1920
tttccttgct	tgagtggctg	aggctgatac	ccctgaccta	tctgcagtcc	cccagcacac	1980
aaggaagacc	agatgtagct	acaggatgat	gaaacatggt	ttcaaacgag	ttctttcttg	2040
ttacttttta	aaatttcttt	tttataaatt	aatattttat	tgttggatcc	t	2091

<210> 4245  
 <211> 1298  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1249)...(590)  
 <223> similar to gil065896 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4245	
tttttttttga	atcatacaaa
tttttcagtat	cattttaattc
tttaataactt	tggggacatt
60	
tcctttttcct	ttaacaaaaa
gaatagaagt	gatactatat
actgctagta	gaaaattaag
120	
agctttttcta	taaaatccta
tgaaattaaa	attaaatcgt
cttatttttta	aaaatgcaaa
180	
agaagccaga	cagtagactt
aacaaccatg	aagcaggacc
cacttccctc	tgaaccaagg
240	
atttcctatg	ctttctagat
atcccttcag	gaaaagggcc
ttctctaaat	taactggaac
300	
aattcggaat	accaagaagt
aggtagagag	caggaatgtg
agcagatcat	cgaatatatg
360	
tttttactcc	atggtgacta
aaatgaagtc	catagatagg
agcagggtgaa	gaagaaaaca
420	
acacaatctc	ctgatgtaca
gttgtcactg	acccagagca
gtctgctgct	gtgattctct
480	
ctgcctgtga	cctgaggggtc
agttgcttca	ttagatgcaa
tggaataaaa	actgaacggg
540	
atctcaagaa	aaatttttaa
atggaaggta	cacctcaata
gttttttactt	ttggtgaagt
600	
catatggttt	ccaccactga
gcaaactgca	gtgctttttt
cctctgatcc	tcaaagcttt
660	
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720	
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780	
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ttgttcatgg	accactcttc
atcagattcc	attatggctt
900	
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atgtcaccca	cttccttggg
aagagggaata	cattcataaa
960	
ccatgtgata	ctgtttcttc
atgctcatat	tagttttcaa
aaaaatgcag	tctaactcctt
1020	
tatcttcaaa	catctttacc
aatgattttc	tgaacatctg
gatctcctcc	cagatgtctt
1080	
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ctatgggtgct	gcaaagggac
tatcaggcag	tgccctcag
1140	
taagagaccg	tacgttgggt
aaacataaat	aaaccttaac
acctattgca	acaataagat
1200	
gcttgggaaa	ttgagagctg
tcaaaacaat	acagacattt
ttccatttgt	gcagcaagac
1260	
tccgatgctc	agcaatagct
tttttccttt	ggttctct
1298	

<210> 4246  
 <211> 5885  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(4986)  
 <223> similar to gi2224597 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4246

gttagctcaa	ataatgtgct	tttaaattct	caggctgatg	acagagttgt	aataaataaa	60
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gctaaaactc	ttaaggaaat	tcggacactt	ttgatggagg	cagaaaatat	ggcactgaaa	180
cgatgcaatt	ttcctgctcc	ccttgcccgt	ttcagagata	ttagtgatat	ttcatttata	240
caatctaaga	aggtggtttg	cttcaaagaa	ccctcttcca	cgggtgtatc	taatggtgat	300
ttgcttcaca	gacagccatt	cacagaggaa	agcccaagca	gcaggtgcat	acagaaggat	360
attggcacac	agacgaattt	gaaatgccgg	agaggcattg	aaaattggga	gtttattagt	420
tcaactacag	ttagaagtcc	tctacaggaa	gcagagagca	aagtcagtat	ggcattagaa	480
gaaactctta	ggcaatatca	agcagccaaa	tctgtaatga	ggtctgaacc	tgaagggtgt	540
agtggaaacca	ttgggaataa	aattattatc	cctatgatga	ctgtcataaa	aagtgattca	600
agtagtgatg	ccagtgatgg	aaatggttcc	tgctcgtggg	acagtaattt	accagagtct	660
ttggaatcag	tttctgatgt	tcttctaaac	ttctttccat	atgtttcacc	caagacaagt	720
ataacagata	gcaggggagga	agaggggtgtg	tcagagagtg	aggatggtgg	tggtagcagt	780
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atagcttcag	accttccgtc	tcccatttct	cttgaacaat	gccaaagcaa	agcgccaggt	2280
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ccagaatcgc	atgtgcccgc	tgcccaagag	agtcttcctg	gctatcgcag	aagaacaagc	5820
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tacag						5885

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<210> 4247
<211> 1886
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(1358)
<223> similar to gil464742 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4247						
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aggaacagga	gctcttcttc	ttccatgaac	tgagccctgg	gagctgcttc	ttcctgccac	180
gagggacaag	ggtgtataat	gcactagtgg	cgtttatcag	ggctgagtat	gcccacgtg	240
gtttctccga	ggtgaaaact	cccacactgt	tttctacgaa	gctctgggaa	cagtcagggc	300
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ccagctccca	gagtgacgat	tctaccaggc	atatcacaga	tacactcgcc	ctcaagccta	420
tgaactgccc	tgcacactgc	ctgatgttcg	cccaccggcc	cagatcctgg	cggaactgc	480
ccctgcgact	agctgacttt	ggggctctac	accggggccga	agcctctggt	ggtctggggg	540
gactgaccgg	actgcggtgc	ttccagcagg	atgacgctca	catcttctgt	acaacagatc	600
agctggaagc	agagatccaa	agctgtcttg	atttctcccg	ttccgtctat	gccgttcttg	660
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cagtgtctcg	ttctgtggaa	agactgttgg	gagtgtctgg	agaaagctgc	gggggggaaat	1020
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ttcagtttgt	ggttgggccag	aaagagcaaa	gtaagagaac	agtgaacatt	cggactcgag	1260
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**00000000000000000000000000000000**

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<220>
<221> misc_feature
<222> (2)...(131)
<223> similar to gi6002623 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<210> 4249
<211> 2013
<212> DNA
<213> Homo sapiens
```

<400> 4249

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agggccacca cttattatct agcagatcgt cgctatgaca tgctgccttc cgtcctcagt    60
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ctggataaa cctcttatga aattaagaaa gtgtggtatg gcagaaccat tattcgatca   180
gcatacaaac tgttctatga agcagcccaa gaactactgg atggaaactt aagcgttggt   240
gatgatattc cagaattcaa agacttgggt gagaagagca gacaagccaa gctggaggag   300
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aacattcacg acctcatccc caagcagccc ctggaagtcc acgagacagt ggctgaatgc   480
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ttgctgcgcc agcacctctc tccacaccag gagttctttt cagaactccg ggaatgtgct   600
aaagccaaag gcttcttcat agatacacgg tccaataaaa cactggctga ttctctggat   660
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gccatgtcga atgctctgta ctctccacc ggatcctgtg cggaggagga gttccatcat   780
tacggtcctg cattagataa atatacccac ttacttctc caataagaag atattcagat   840
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ggaaatctgt tcagcaacaa agatcttgag gaattatgca gacatatcaa caacagaaac   960
caagcagcac agcattctca gaagcagtct actgagctct tccagtgcac gtacttcaaa  1020
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aataaagatg gtttagtcat ctcatgtggc ccagatagct gttctgaatg gaaaccagga  1200
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gtggctcacg cctgtaacct cagcactttg ggaggctgag gcgggcggat cagcagggtca  1800
ggagattgag acctcctggt ctaacacggt gaaacccagt ctctactaaa aatacaaaaa  1860
ttagcccggc gtggtggcat gcgcctgtag tcccagctac ttgggaggct gaagcaggag  1920
aattgcctga acccaggaag aggaggttgc agtgagccga gatcgacca ctgcattcca  1980
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```

```

<210> 4250
<211> 1518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(499)
<223> similar to gill142660 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 4250
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catggacagc aaagcatcag gactgtaata gatacaatgc aacatgcagt ctacgtctat   120
gacatttgtc atgtgatcat cgacaacctg cagttcatga tgggtcacga gcagctgtcc   180

```

acagacagga	tcgcagctca	agactacatc	atcgggggtct	ttcgggaagtt	tgcaacagac	240
aataactgcc	atgtgacact	ggtcattcac	ccccggaaaag	aggatgatga	caaggaactg	300
cagacagcgt	ccatttttgg	ctcagccaaa	gcaagccagg	aagcagacaa	tggttctgatc	360
ctgcaggaca	ggaagctggg	aaccggggcca	gggaaacggg	atctgcagggt	gtccaagaac	420
cgctttgatg	gagatgtagg	tgtcttccccg	cttgagttca	acaagaactc	cctcaccttc	480
tccattccac	caaagaacaa	ggccccggctc	aagaagatca	aggatgacac	tggaccagtg	540
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ggccaggccc	ccactcccga	ccagccagac	acctccaagc	gttcaaaagt	aaggccgtgc	660
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caggttttcca	tagtgagaaa	attcaatgta	gcagactact	gagaaaactac	tgtgttgctc	840
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agccctgagg	taggaatgag	caggtcagat	tcaaggcagt	gaggtcaggc	cgcatgaacc	1200
tggaggggaa	tcggggactt	catgcgaaac	tccagcctag	gctttcaaaag	tcaaaggggtg	1260
atacagtggg	taccaagctc	ctctgctccc	cactttgtag	agcctagcat	gagggtggcat	1320
gtactagaat	tgaatcctag	gtgcttagcc	ctgcaatatc	agggcctcac	tgggtgggagc	1380
tgccctcgggc	tgggttgctt	ggatcatagag	ccatagaagg	aagctgtcag	cccggattgt	1440
cctgcctatc	ctagtcactg	atgccattgt	gtgcttcctc	aagactgtct	ggagtcagtg	1500
acattttata	gagccttt					1518

<210> 4251

<211> 1272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1274)...(920)

<223> similar to gi3212110 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4251

tttttttttt	ttagggatgc	atthttgaata	tttattgtcc	ttgttttttaa	cataatttgc	60
aaattttacat	aattataatg	gctgtgtttg	acaactggct	tgcaacaaaa	ttcttgaaaa	120
ttgaataatt	ggccacctg	ggctgggatg	agccagctgg	atcacaccgt	tgccccctca	180
gcctctagga	ggcctcagga	ttatggcgct	catcttatga	tattggccga	aaggagacag	240
tcttgagggt	gctgcttact	gttgaacttc	cctttggaat	gtatgggaga	aggcagggaa	300
aggaatcttt	aggcagactg	ccatccaggg	actgtctatc	tgttactga	gattcagctg	360
tgaacatctg	ttctttcttc	ctcttctgtc	tactgcatgc	aggcccggaa	gctgagcgtt	420
agtcaaaagt	acaggaaggg	aaaagagaag	agggcaaggc	ccatccccca	agaaaggaag	480
ggctctgatg	cagagggagc	aggagctgag	gtggagacgg	ccactgcctc	tctcaccttc	540
tgttccatcc	ctctgctcaa	gaaaaccagg	cttagcagag	tgggacagac	gctttttatt	600
ggtctggctg	gcgtgcctag	tggaaagctc	aggcagagct	tcctatcttg	ccctggctcc	660
catcttccct	ctcctgggag	ttcatcacac	atcccagagag	ggaagagtgt	cctgggcaga	720
ggtggcaggc	aaagccgggt	aaaaactcca	gggctgggaa	gcaaatgggg	ctcagggtga	780
tgcagaaaaat	gtgatgttgc	caggccatcc	aaataaagca	tccatcgggg	cagaggagaa	840

gctgtttccc	tgcagacact	cctctgcccc	caccaggaat	gggaggggca	ggaggaagag	900
cttcccagag	aggctccccta	ctgggcccctt	cgtgccatca	gcattctccc	gatgttgtcc	960
tcagcttcct	taacgcttcg	ctccaggtag	gactttttct	gttctagttc	tttaattttt	1020
tcttctgcta	ttttctgctt	ctctaacagc	tgactgtgaa	ttgcttcctt	ggactgaaga	1080
ataaacattc	ttcctacacc	ttcatacatg	ttagtctcat	ctaccaaagt	catgatctct	1140
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agcttcacct	tctgttgagt	gtcaataact	ttggcttgaa	gctctgtgaa	ggccttcttc	1260
agctctagat	cc					1272

<210> 4252  
 <211> 1492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1493)...(529)  
 <223> similar to gi3873666 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4252	
tttttttttt	ttatacccaa catccattga tctttatttg atttgacaaa atctgcattt 60
ttaaaagaca	ggtaacaaaa tctgagggtta tactgaatct gacaaattga gttctatagt 120
atctagaata	tcatataaga aatatcaact gagggaaaag agaagtacca catgcagatg 180
ctcctggcaa	gggggggaact gtatctgcag gtgagggtcca gactgtgcag tgcataagaa 240
aatcctacag	aaaatgccgt taacttactt ggatgaaatg tttttccttt gagggggagg 300
aagaggtggt	aaagaggggc aggaattcaa aggcataatgc agaattggctt ctccatttca 360
aaatggtaat	aaaaatatat aaatcatggc actagggcac ctttgaggaa aagaacatct 420
taaccagagt	aggctcattg cataattctt tagtaatatg tacaattttc aagtaattaa 480
gcagacttaa	aggataattt tgttttaaca gcagctatct atttttcttc tccccctctg 540
gggcttgatc	tgtttcagca tcacagggac acttttccac acattttcta gggaaccaac 600
cccttattct	tgaaacacct tctataaagg aatcatcaag aattttgtct ccatataacc 660
agtatcgtaa	acctcttgtg gctaaaatga attccccttt ttgcagctgt attcgaggct 720
cttcggtgca	gggacttgtg aagaagggtt tgattccttt attcagaggg cagcaggcac 780
cactataatc	ttctattact ttatagcgaa cacttctgac tctcttatct gctttttggt 840
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ccatatcata	tggaaaaaca aagacttcat ctagttagata atactgaatt cgatcttttag 1020
ccttctcttc	aatccatgac tcaatagaag ttttgtttct gagaattatt ttcatctgga 1080
taaaaaacaa	catcccaaca gctatggttg ttctaaagc taatcccaag gcaaacaagg 1140
tggtagcaaa	tgcagctaata ccaaatggaa caattggaag aggatctctc cgggctgcac 1200
tcatgtcgat	cttactgtg ttccacccaa aggagagccg atgataaagc tgtgtgtaca 1260
tagtcatcac	aaaaatgaaa gcagcatgga tacaaccagc tgggtgctaaa aggagaaaca 1320
gtgtgaacga	agcatgattt tggtaaccac aacagttggt gatccaagga cagtgtggt 1380
ccatcttcat	cacacatctg ttacactttc tgcagtgatg tgaacgtggg gccttgtatg 1440
cttggcagac	tttacaatac tggagataca tggatatctg agaaattctc gg 1492

<210> 4253  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(147)  
 <223> similar to gi806832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4253  
 aactatgcac cggaagtgc ggacagagtc accattacgg cggaccgac cagagaaacg 60  
 gcctacatgg agctgagggg cctaacatct gacgacacgg ccgtctatta ctgttctcta 120  
 ctggatcggg gaagtatgat cttctcagca ggattcagaa aacgttttct attttcataa 180  
 aaaatgtgtg gacattgcta taaatacttt tcctgagtgg taaacatgtg atactgtctg 240  
 ggaaagatat tccagggtgg gggtattttt gaacaagtaa atcttaaag atcataagag 300  
 aacaggctgt gttagct 317

<210> 4254  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (459)...(126)  
 <223> similar to gi4884162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4254  
 tttttttttt ggtgtttcaa ttgttttatt acaatccaaa agttggggcg ggggttcctg 60  
 tgccaccaca caccatccag gatgagaggg tcagaagtca aagggtccaag ctgcaggagg 120  
 gtcagcccct gcctggcatg ttgatgtaga ctttgccatc ttcttgggag gggctgcggc 180  
 gtgggcgtgc gcacaggaac accgccccca cgatgagcag cgatgccacc gcatcagcag 240  
 ccacgaggcc tgccaggagc ggcagagaga gggaccacca tccggaacaa gagcctgaag 300  
 tgccagggtg aaaggcaggg agtgatgatc tctctcctgg agtcgtctga gctgcagcca 360  
 ctgggagcaa aagcaggaag aggatgtgac ccagatggat catggtggac tggggtctgg 420  
 caggggtctg gcagaggact gtggtccaga gaagtc 456

<210> 4255  
 <211> 4963

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc feature  
 <222> (4964)...(811)  
 <223> similar to gi3413914 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4255

tttttttttt	ttgaaaaaga	cagaagcagc	ttttactata	tttacaacca	acaaaacttc	60
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ggggcaggca	agaaaaatta	ggactggagg	gggcaccagt	tcttcctaag	gggagcttga	180
gactcctcta	gctcccagtg	cctgactttg	aaggaaactac	aaaccaccgg	accatgggtgc	240
cctattttccc	ttccctttct	cactctccat	aagaacctca	taagcaagg	ggctgtggct	300
ccagaataaaa	taatttaaaa	taaaatacaa	acacttaggt	agaaaggcat	ggagagcctt	360
gggctccttc	agcaacgtca	gggaagagg	accattattg	gtggagaatg	acatccctac	420
ctcccattca	gggcaaaggc	tcagtagctc	tgcacttttc	cagttgtttt	ttaaaacaaa	480
aacttctaaa	atgaccagg	caatgcagat	ctgtgggtac	cctggagggg	agttcccgg	540
ataggacaag	ggaagaccag	agctgtacca	actccccca	gatctcccc	aacatcagca	600
cgaacaaact	gggtaggttg	gtgatggggg	aatcaggact	tttggttaaca	gtggatccct	660
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ccatgaaggc	aacagggaag	cagtttaact	ctagaatccc	ttcttcctca	cttccccacc	780
ctaggctgga	gagggaagct	taaggtctct	agcattctgg	aggtgctcca	aaacattttc	840
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ccacgtgggtc	cttgcccaga	gcagccattg	tcaggaataa	tatctcacgg	tagattcccc	1020
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tgtgcacttc	attgagtcca	acatggcgca	gcactgactc	caacagtgcc	aaactaagg	1140
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gcacatagag	aggtgggcag	ctattggggg	caggggtcag	tacatcccac	agcagccgta	1260
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accacaaaag	gttccagaag	atgatggggg	gggcagagg	cagttcaggc	aacgccagca	1440
cctcactgcc	ctcgttctct	accagcgact	ccagctcctt	acgcagcacc	agggggctca	1500
ggtatgcca	tgccccactc	tcaacccgcc	gggaggctcc	ccccatgtgc	ccgttgca	1560
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actggaagga	tccagggggtg	tactgaggc	gctctgagga	acggcgaaga	ctcagggttc	1920
tgagagaaga	ttctgagagg	tcccactcac	tgcccagaga	ggctgagctc	tcggaggcag	1980
tggatccagg	gcgctcccgg	gggtgcagaa	gactgtccat	ggggctgcgg	cgggctgggg	2040
gtggcaggtc	aggaggcagc	tcaggtgggg	gaatgcggga	ggcaggggag	tggcgggaag	2100
gagtgagcag	ctggttgagg	cgggcaccca	gccctcgteg	gggggtgcct	gcctcatcct	2160
gtcgcccacc	agccttgggg	ccccgcccac	ttagcccttc	cagggcctca	gtggactggg	2220
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gctgctgctg	ctgctgttgc	tgctgctgct	gctgttgccg	ttctctcaag	ggctggcgga	2640

09468725 "012100



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tgggcacaa	gcctgcctga	cggacctcca	gcatgacccg	cacagacagc	acaggctgcc	2820
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ggcaccgggc	ccacagctca	ggcacagctg	ctgacttctg	tgccatccgc	tgtgcaactt	3060
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caagggcagc	atggcgagca	gagcctctc	aatgaactgt	gagaacatct		3420
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cctgcaggaa	gaaaagggtt	tcaacatcac	gagctccctc	ggagggggcc	tgggtgagtg	3540
ggcgaggaa	gacccggtag	cccttgagca	gacaggccat	gaagcgagg	aaggctcctt	3600
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cactcagcac	atctgccagc	accagcgggc	acagaggaat	gtaggggcac	tgccagtgc	3960
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agtccagcac	tgagttccaa	ggggtggccc	ccagcagaag	cctggatgca	tgtgtagccc	4920
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<210> 4256

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1076)...(223)

<223> similar to gi587146 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4256

tttttttttt	ttaccacaga	cacatgtgtt	tcatttttag	ttttgttaaa	aaaaaaattc	60
tgacaaatca	gaaatggggg	ttcaggagtg	gtggtgatgc	aaaagatgga	agccatgggg	120
tgggggctgt	caggggtggg	ggcagtagtg	tctccttcac	ccccaccctg	gtgtcctctc	180
ctgaaggaca	gacggtcaca	ttccaaaatg	ggcagagtctt	ctaccgtgtc	tgttcaatgt	240
aggaggagat	gtctatctca	tcaggcagct	cactaatatt	gacctcaaag	cgatcctgca	300
catcattgag	gatcttggca	tcattctcat	cggacacaaa	tgtgatagcc	aagcccttgg	360
tgccaaaccg	gcctgctctg	gccacccgat	gcaggtaggt	gtcagaatcc	tcaggcatgt	420
cataattaaa	agcaatgttc	acccgctcga	tgtccatgcc	tcggccaaat	aggttggtag	480
ccacaagaat	tcgtcgttga	aaatctttaa	actgctgata	ccgagaaagc	ctctcctcct	540
ggggcatccc	acggtggatg	gcaatggctg	ggaagtctctg	ctccactagt	agctgggcca	600
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gcaacccatg	cagcgtcaac	ttcgtctcat	catccacgaa	gatctccatt	ggatcttgca	780
tgaacttgcg	gcagactgga	cggatctctt	tgtcgaaggt	agcactgaac	atcatgacct	840
gcttctcgtg	gggggtcatg	cgaaaaatth	cctggacatc	ccgacgcatg	tcgagctggt	900
caagcatctt	atcacattca	tccaaaataa	agtgtttaat	gtgtttgagg	ttgaggctct	960
tatttcgagc	cagggctagg	atacggcctg	gagtccccac	gacgatatgc	gggcagttct	1020
tcttcagcac	ctcttcatcc	ttcttgatag	acagaccacc	aaaaaaaaca	gcaac	1075

<210> 4257

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(403)

<223> similar to gi33325 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4257

ggaaacccca	gcgagcttc	tcttctcct	gctactctgg	ctcccagtct	cagataccac	60
cggagaaatt	gtgttgacgc	agtctccaga	caccctgtct	ttgtctccag	gacaaagagc	120
caccctctcc	tgcagggcca	gtctgagtct	tagcaacgac	tttctagcct	ggtaccagca	180
gaaacctggc	caggctccca	ggctcctcat	ttatggtgca	tccaccaggg	ccactggcat	240
cccagacagg	ttcagtggcc	tcgggtctgg	gacagacttc	actctcacca	tccgcggtct	300
ggagcctgaa	gactctgcag	tatattactg	gcagcaatat	gacagttttt	ggacgttcgg	360
ccaagggacc	aaggtggaaa	tcaaaccaac	tgtggctgcc	c		401

<210> 4258

<211> 4860

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4861)...(2872)  
 <223> similar to gi2981198 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4258

tttttttttt	ttaggatgtt	taaagataat	gctttttaat	atttcaaata	tttttttaaa	60
tctcatcaaa	aatgttatca	ccttaacagt	actttgcaca	tgtggaattt	catacctaaa	120
tttgatacta	ttttggttta	tttatggcta	cttacaagag	tcacagtaat	aatgtccact	180
catcagagtc	tttctttggg	agagccta	gggaccagac	agatgaactg	ttatgcaa	240
gagatggata	aagcaaattc	atgatagt	gaattataag	ggtttttg	taatggaa	300
acaacttaaa	aaggatttcc	atatttatcc	ccatcattat	tttgggaag	taataccctg	360
ttcaggggtt	gaagagtttg	aatagctcac	acaatcctgt	aaaaatgaca	actggctgcc	420
ctttaataaa	taaagtcat	gtaaagaatt	acatttacag	agtgaaaagt	gaatacatag	480
catttcaa	tcaattttgg	aagtactaat	aagtactgac	ccataacaat	atacactagc	540
tatcttttta	actgtccatc	attagcacca	atgaagattc	aataaaatta	cctttattca	600
cacatctcaa	aacaattctg	caaattctta	gtgaagttaa	actatagtca	cagaccttaa	660
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tacaaaatct	tattaaaatt	cctgggtatta	tcaccccaa	ttatacagta	gcacaaccac	780
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gagcaacaaa	gttacatata	atgacaaa	ttactgaagt	tatgcaagac	cagaacaaat	1020
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aataacattg	acaaaataat	gaacaattat	ctttaaaaat	tataaagcta	ctggcaaatt	1140
aggtaattgc	taaataaagg	tagagcatga	gattaaactc	taatatttac	aactgcaaca	1200
tacttaatta	caattgtgca	cgtatcagtg	gctttgtaac	aaaaatacac	agaaaaaatt	1260
aagttttcag	ttcaacaaga	ggtcgaatcc	aatcaatctc	aaataactc	aacaactcaa	1320
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gcaattgtag	aaatactgag	ttttgcacct	tccatgcctt	tacagtattt	ataacactat	2580
catatgtgga	gataaagact	tgtttactat	aatctcttct	tttcagaatg	aagaataaag	2640
tagcacttac	aaatattgaa	gcagtggcag	caacagcagg	ggttaccact	gctagatcag	2700
aaggaatttt	tccattctaa	caatttttaa	attaaaaaag	taaaggaaaa	attgacctaa	2760
acaaattatt	acatgttcat	tccttgggca	cttaacagtg	agtcacagcat	gtcgaatgtg	2820

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cctcttcctt	gaagagctgg	agctagagga	aatgccatca	ctgctcaggc	caacaggact	3060
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tctatattta	tctaaagaca	ttttctgagg	aattattcct	ggagtagtgg	aaattggccc	3600
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aattttgtca	ggtctgtgat	gtaatcctga	atgcagtgat	atagaaggtc	cctgctggaa	3720
gttgatgttg	tactggctac	cagacaaaaga	tgtctcctgt	ttctgtgaat	atagctgttc	3780
tgtccttgct	gagtcctgat	gttgaggcca	ttcctgggtg	gatgataaac	cgtatgaagt	3840
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acttgggttt	gtaggcacac	cagtgcact	atctactaaa	atggaattct	ggaccaaaga	4020
tgaaccaaga	agtgggtgtct	ctgataacctg	tccatctact	tttggtttcc	tagctgcctg	4080
attagccctc	cagtttcgaa	tcttcttcaa	cctattaggc	gttttctcca	atattttag	4140
aaactcatgt	gttagctcat	ctaataattc	tagagtaact	gtaggatcca	catattccca	4200
ccaatgcttt	ccatcagttg	atacagggat	ctcccaattg	gaccatttgc	aagccaaatg	4260
aatgcataca	catgctatca	ctgttggttt	gtactgaaga	cagaagggtg	taagatgcag	4320
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ggtacatttc	accacatctg	tgtgtgggtg	ttcaatggtg	atctcaaaac	ctagagtttg	4440
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agtatccagc	agtggctcta	gaggatgaag	acaagcatgt	gctactttga	taacatgttc	4560
aagttttcga	gcctgttctt	ccacttttgc	agccaaaaat	aatgcagtag	acgatattat	4620
atttttggtg	aatttggtga	aagaatggtg	catataaaac	ctgtgcataat	aaacaatcgc	4680
agtgtttatt	gtaagctgag	agacattgag	acgctgtccc	atctcctgga	tgagggtggc	4740
cgctgtctgg	cggcacgaga	gctctttatc	cgctccact	cgcagcggc	ggctcggcgt	4800
gttctccagc	tgttcccgag	taaagaacca	gcgagaagaa	gctccacggc	ccgacgccat	4860

<210> 4259

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(200)

<223> similar to gi202231 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4259

ggtctctgag	catttctcag	ggatgttcaa	aaggaaagct	tttgtgcact	ggtacaccag	60
cgaagggatg	gacataaacg	aatttgggga	agctgaaaat	aacatccatg	atttggatatc	120
cgagtaccaa	caatttcaag	atgccaaagc	agttctagag	gaagatgaag	aggtcacgga	180

```

ggaggcagaa atggagccag aagataaggg acattaactg tgagagaagc tgtgccgcgg 240
agtcgcttac agaacagttt ctcatatagat gagtgtttct cctgcagcac tccaaaaccc 300
actctgcact gcagcacagt gaatgatatg cactcaccat tagcttcgac acagggactg 360
agggagacag gtggggagca gctgacaggg attaggggtct ttgctgacat ctactaacct 420
tgaagagttt gatgttcagt gcatacttat taacttaaaa aaatagcaaa tttattgtaa 480
agtgtccccc tttgtttcca aaagtgtttg ccccgccatc cagactacac gtgtggattt 540
gcagggagcc actggagttg gtgttacatt tttatacttt agcagcactg ataggcaccc 600
tggaatcctc acttggtatc cgagggtctac taagactctt tccttaggtt ctttcctctg 660
agcaaact gactggcatc ctgctttcca gtgcctgccg gctccagaa gagccagggtg 720
cctgactagt acatggggag ctacagagcc aaggtcaatg tgagtcaaca tccactagaa 780
atatccatgt tgtgtagacc tgtgcataca acatgctaac tggaaaagag gaaaaaagaa 840
aagccacagt cctctccaca aaaatacctg ggtccaaaca agaaaaacta tcagacaagc 900
acaactaatg aactgctgtc ttctgatctt cacttctgaa ctacacgcat atactcgaca 960
ctgtcaatat tatcatacta cacacagtcg gactatatcc acacgtctat acatactcat 1020
ataacaaatt ctatagacta cgctaatact cataactctat aataatatat cagtatcata 1080
tttatcacct atcacttcct actg 1104

```

```

<210> 4260
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (387)...(7)
<223> similar to gil780976 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4260
cactatcaaa aattatttcc taatctttgg caagaatttt gtctttccac ttgaagtgg 60
tctttcaaac cttgcaaatt ttcttctagt cccataccag ggacataacc cattttatgc 120
attgtatggt gactttgagg gctatataat tgttctgaaa ttagaacttg tgctcccat 180
tggttgtaata aatctcttcc ccataaatat ataggtagag aagttataat tgggtgaata 240
gccccagggt gtccatcggg cccttcacaa tgcaaaatat aactactttg atatactaca 300
gggactttac caagtccaac tatgttaaat tgagcgggtt gaactgggca cgtggatggc 360
cagtgtgtga tagaaatgat tgaagt 386

```

```

<210> 4261
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> similar to gi3264846 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 4261
ggaaaagcct ttgggtccaa atccactctt gttcgacacc agagaactca cacaggagaa 60
aagccatatg agtgtggtga atgtgggaaa ttattcagac aaagcttcag ccttgttgta 120
caccagagaa ttcacactac agcaaggcct tatgagtgtg gccagtgtgg gaaatcattt 180
agcctaaagt gtggcctcat tcagcaccag ttaattcaca gtggagctag gccctttgag 240
tgtgatgagt gcggaaaatc ctttagccaa agaaccaccc tcaataaaca ccacaaagtt 300
cacactgcag aaaggcctta tgtatgtggg gaatgtggga aagcttttat gttcaaactt 360
aaacttgtaa ggcaccagag aactcacact ggagaaaggc cttttgagtg cagtgaatgt 420
gggaaatfff ttagacaaag ctataccctc gttgaacacc agaaaattca cactggatta 480
aggccttacg actgtggaca gtgcgggaaa tcctttatcc aaaagtctag cctcattcaa 540
caccaagtgg ttcacacagg agaaaggcca tatgagtgtg gcaaagtgtg gaagtccttt 600
acacaacact ctggcctcat tctccaccga aaatctcaca ctgtggagag gcctcgtgac 660
agcagcaaat gtggaaaacc ctacagccca agatctaaca ttgtttaact cttgaaactc 720
caaacctgag aaaagcctta gacctgcagg gaatgtgcca tgtctttctt cagtgttatg 780
```

```
<210> 4262
<211> 1073
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(129)
<223> similar to gi5901478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 4262
ggaaacatca tctacatgta catgcagcca ggagccaggt cttcccagga ccagggcaag 60
ttcctcacgc tcttctacaa cattgtcacc cccctcctca atcctctcat ctacaccctc 120
agaaacagag aggtgaaggg ggcactggga aggttgcttc tggggaagag agagctagga 180
aaggagtaaa ggcactctca cctgacttca cctccatcca gggccactgg cagcatctgg 240
aacggctgaa ttccagctga tattagccca cgactcccaa cttgcctttt tctggacttt 300
tgtgaggctg tttcagttct gacattatgt gtttttgttg ttgctcttaa aattgagacg 360
gggtctcact ctgtcaccta ggggtggagtg cagtggtgcc accatagctc cttcgactat 420
tgggcttaag cgatcctccc ccacctcagc cttccaagta actgggacta cagggtgtgca 480
tcactggcag tgggaattgt ggcttttctg tcttctatgg agacggggtc ttgcctgtgt 540
tgccccaggc tgggtccaaa ccccttggcc tcatgtgac ctcctgcat ggcctcctaa 600
agttctggga ttacaagtgt gagtcactgt gactggccaa cattatgtga tttatgtgtg 660
aacctatata acacaaatca tccccaaaa ccccatcctg gatctgtaaa gcagctgcca 720
aagaatgaag tgagagaaac agttgtaaag atgagtttcc caccctactt ataccagag 780
tgccaaagag gaaatcaact cttcctcaat cagagctttg cttttgtttg ttgttgtttg 840
cctttaaagt ctaacacacc tgacatgttt cagtcagaat gaccccaaat gcactactgt 900
tctccacgtg gtcccaagtg cctctctgtt tagggccatc aaatcatgga atgcagcaca 960
gtttgatatt ttctatatc ccaattccta cccaaacctt ttcatgaaat cgtagagttt 1020
gttttaccct ttatctggtg taagattctg cataaaccaa gaagtgaacc tgt 1073
```

<210> 4263  
 <211> 2262  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (40)...(1936)  
 <223> similar to gil93573 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4263

cgcgctcgagc	atttcgtagc	tctaacacca	gctcgcgac	ccagcccagt	gccggctcca	60
gccccggagc	cagagccagc	tccaacacca	gctccagggt	cagagctaga	agtagctcca	120
gcaccagctc	cggagctcca	gcaggctcca	gagccagctg	tgggactaga	atcggctcca	180
gcgccagctc	tggaaactaga	gccagctcca	gaacaggatc	cagctccctc	acaaactcta	240
gagctggagc	cagctccagc	accagttcca	tcattacagc	cttcctggcc	ttcacctgtg	300
gttgcagaga	acgggctgag	tgaggagaag	cctcacctct	tggtgttccc	tccagatctg	360
gtggcagagc	agtttacct	gatggatgcg	gaactgttca	agaagggtgg	gccctaccac	420
tgcttgggct	ccatctggtc	ccagcgggac	aagaagggca	aggagcacct	ggcgcccacc	480
atccgcgcca	ctgtcaccca	gttcaacagt	gtggccaact	gtgtcatcac	cacctgcctc	540
gggaaccgaa	gcacgaaaag	cccagacagg	gccagggtgg	tggagcactg	gatcgagggtg	600
gccagggagt	cccggtatct	caagaacttc	tcgtcactgt	atgccatcct	ctctgccttg	660
cagagcaact	ccatccaccg	tctgaagaag	acgtgggaag	acgtttccag	ggacagtttc	720
cggatctttc	agaagctgtc	agagatcttc	tcagatgaga	acaactactc	attgagccgg	780
gagctgctca	tcaaggaggg	cacctccaag	tttgccaccc	tggagatgaa	ccccaagaga	840
gcccagaaac	ggccgaagga	gacgggcatc	atccagggca	ccgttcccta	cctggggcacg	900
ttcctcaccg	acctggtgat	gctggacact	gccatgaagg	actatctgta	tggcagactc	960
atcaactttg	agaagaggag	gaaggagttc	gaggtgatcg	cccagatcaa	gctgctgcag	1020
tcggcctgca	acaactacag	catcgcgcca	gatgagcaat	ttggggcctg	gttccggggcc	1080
gtggagcggc	tcagcgagac	tgagagctac	aacctgtcgt	gcgagctgga	gcccccatcc	1140
gagtcagcca	gcaacaccct	caggaccaag	aagaacacag	ccattgtcaa	gcgctggagc	1200
gaccgccagg	ccccagcac	tgagctcagt	accagtggca	gctcccactc	caagtctgtg	1260
gaccagctca	ggtgtggccc	ctacctcagc	agcggggaca	tcgctgacgc	gctcagcgtg	1320
cactcggccg	gctcctctag	ctccgacgtg	gaggagatca	acatcagctt	cgtcccggag	1380
tctcctgatg	gccaggaaaa	gaagtcttgg	gaatcagcct	cacagtcac	cccggagacc	1440
tccggcatca	gctcagcctc	cagcagcacc	tcgtcctcct	cagcctccac	cacgcccgtg	1500
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cgcaaggcca	tggacaaaca	caacctggag	gaggaggagc	cggaggacta	tgagctgctg	1740
cagattctct	cagatgaccg	gaagctgaag	atccctgaaa	acgccaacgt	cttctatgcc	1800
atgaactcta	ccgccaacta	tgactttgtc	ctcaagaagc	ggaccttcac	caagggagtg	1860
aagggtcaagc	acggagccag	ctccaccctc	cctcgcgatga	agcagaaagg	actcaagatt	1920
gccaaagggca	tcttctgagg	gcacccctcc	aggggtctggc	tggctggtag	ccaagcactt	1980
atggaccaga	gtggcccagg	ccagctgggc	gccttcctcc	cacctgccag	cccagggtac	2040
cccagactcc	agtttcatcc	tgaacctctc	ccgctgcttg	ggatttgacg	cctgccatth	2100
ggtcagggtg	aacttggggc	tcccgtggaa	ccaactcgct	tgctttaagg	tggccttctg	2160
gctctctgga	accagaggac	tagctgactt	tttggcaaa	gaagcagtg	caacgggaat	2220





aaactcctga	cctcaagcga	tccacccacc	taggcctccc	aaagtgctgg	gattacaggc	2220
atgaatcacc	acaactagcc	tacccttaga	tttttggaag	gatcgatctt	atttaactat	2280
gtgtggaaca	acccagtaat	atcagactcg	aattactatt	tcattctatt	tcaaagtctt	2340
ataaagctac	tattgtagat	tatagtgtta	atgcaaagtt	tacagacttt	tgatatggaa	2400
aaccagataa	acacaacaat	gttacaaaag	gcaaaaaaaaa	aa		2442

<210> 4265  
 <211> 931  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (25)...(293)  
 <223> similar to gi4803931 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00400733-013100

<400> 4265						
ggcacgagga	agccagttta	caaacatccg	ctggtctttg	ttttgctggc	tgtacttgtg	60
ctttcagtaa	ctacacagat	taactatctc	aacaaggcac	tggaacacct	taataacctct	120
cttgtgacac	ccattttatta	tgtattcttc	acatccatgg	tagtgacttg	ctctgccatc	180
ttattccaag	agtggtagtg	catgacagct	ggagatatca	ttgggacctt	gagtggattc	240
ttcactatta	tcattggcat	cttccttcta	catgctttta	aaaatactga	cattacttgg	300
agtgagctta	catccactgc	taagaaagaa	gccgtctctc	tgaatgtcaa	tgaaaacaat	360
tatgttttac	tagagaactt	ggagtgttca	gcccaggat	acaatgatga	cgttaccttg	420
tttagtagaa	ctgatgactg	aagtctctag	aaacactgag	ttttaaccaa	tatgagacac	480
acgaagagga	aaatgaatgc	ttgcttcttg	gaagaactgc	taggaaagtt	agcatttttg	540
cagttctaac	taatttagat	gtgaggccaa	gtaaaaatgc	catttttttg	gccattgaat	600
ttgaaaatca	aattgattat	cctccagaat	ctctacaaac	tttgaaatac	tctctaagga	660
tcaaagaagt	caaagagcta	tgtgtgtctc	agaataatct	ccttcttctg	gtcacagtat	720
ctttgtctct	gccagggtggc	tcttcatttc	tttggtagct	atttttagac	cttacagtca	780
ttcaccaata	tacagttagc	agtgttctga	tagacacagt	atcagtcata	ttctccgttg	840
gagtcataat	ttcaaaactca	acaagatttc	agaaagggtat	aatcatggta	atttctcata	900
ttaaaaactgg	agaagagagg	ccaggcatgg	t			931

<210> 4266  
 <211> 1159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(770)  
 <223> similar to gi886940 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	4266					
ggcacgagga	gattcggacc	tcgccgcatac	cggaagaat	cagtgatgct	tcggacagtc	60
aatcctagca	cgggggccct	ccccttccag	tccctcatgg	ttgcagacct	aggcgatgtg	120
aatgtcaatc	tttacaacct	tcaggacagc	tgccggcaaa	ttcaagaggc	ctatgagaaa	180
attgtagcag	ctggctgtat	tcctctgacc	ttgggtggag	atcacacaat	cacatatccc	240
atattgcaag	cgatggcaaa	aaagcatggc	ccagtggggc	tgctgcacgt	ggatgcgcac	300
acggacacga	ctgacaaggc	cctaggagag	aagctctacc	acggggcgcc	cttcgcgcgg	360
tgtgtggatg	agggctctct	ggactgtaag	cgtgtggtgc	agattggcat	ccggggctct	420
tccacgacct	tggatcccta	cagatacaac	cggagccagg	gcttcggggt	agtcctggct	480
gaagactgct	ggatgaagtc	actggttcct	ctgatggggg	aagtcaggca	gcagatggga	540
ggcaaaccce	tttatatcag	ctttgatatt	gacgctctgg	atcctgccta	tgcgccaggg	600
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gttctcaaga	agaacttatg	agtaagcagt	ctgagaacta	aagagtttat	gccaaagaaa	900
ctttctgctg	aaagtgtcat	tgctggctgt	gaagtcggga	taatcagtag	aattctcacc	960
caaacagcaa	catttctaa	gaacttggat	taattggggg	aaaaaaaaag	gagtacttgt	1020
actgctttga	tttttatctt	cccttggatg	aaagatggga	gggataaagg	ggaagtgagg	1080
agaatttctt	tcaagattat	ctaaacatta	gaaacatgac	atttaaaaaa	actatgaaat	1140
aatactgtat	aagcattcc					1159

```
<210> 4267
<211> 1510
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (276)...(985)
<223> similar to gi4426837 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	4267						
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gatgtaattc	tgtgtttccgc	ttgttttgctt	catgtttgtgt	tatgaacatg	tccccctcaa		180
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tcctcatcag	cccccagaac	cctctgggtg	atgtatactc	ccctgaagag	ctacaggagt		360
acctggtatt	tgccaagagg	cacaggctgc	atgtgattgt	ggatgagggtc	tacatgctgt		420
ccgtgtttga	gaagtctggt	gggtaccgca	gtgtcctaag	cctggaaagg	ctccctgacc		480
cccagaggac	ccatgtgatg	tgggcaacca	gcaaggactt	cgggatgtct	gggctccgct		540
ttggcacgct	gtacacagaa	aaccaggatg	tggccactgc	cgtggcttcc	ctctgccgct		600
accacggcct	cagtggcttg	gtccaggtacc	agatggcaca	gctgctccgg	gaccgtgact		660
ggatcaacca	ggtgtacctg	ccggaaaacc	atgccgggtc	caaggctgcc	cacacctatg		720
tctcagaaga	gcttagggca	ttgggggatcc	ccttcttqaq	tcgtggggct	qqcttcttca		780

tctgggttga	cttgagaaag	tacctgcca	agggcacctt	tgaggaggaa	atgctgctct	840
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agcctgggtg	gtttcgcttt	gtcttctcag	accaggtcca	ccggctttgc	ctggggatgc	960
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agagccagga	gccaagtgac	caacgcaggt	gagctggtca	ttgtctcgtg	gccagagggc	1080
ccagcagcca	ctgtggacct	ggggcgttct	ggggctgcag	aagactgact	gtggatgtgc	1140
catttgccag	gaaggatatct	aacttggtct	tgtgcctgaa	gaactgtttc	ttgtctttcg	1200
ctgtagcagt	gggaaactcc	ttaagctgtg	gttcagcctg	ggccctccct	ctctcctatt	1260
aaacaaaact	aggagagtcc	atatgtctcc	attgtgagtt	atttagaatg	gaggagtcgt	1320
gactgcttct	aaccagagcc	tcagcccccc	tgaggatgtg	aaaagaaaac	aaacaacttg	1380
taccttcttt	ctgatatac	cgtcattcct	ctttctttgt	caccaaggaa	acgagtcaaa	1440
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aaaaaaaaaa						1510

<210> 4268  
 <211> 2247  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (75)...(288)  
 <223> similar to gi6016714 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4268	
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tctcaacct	cgtagcccg ctgagctact cggctcgcaa tgccaccaa agaatactgg 180
tcatcacgg	gtccctgatc atgtgcgca acccagtcac cagcaccaac gtccctgggca 240
tgatgaccgc	catcctgggg gtcttctctc ataacaagac caagtacgat gcaaaccagc 300
aagccaggaa	gcacctctc cccgtcacca cagcagacct gagcagcaag gagcgtcacc 360
ggagcccact	ggagaagccc cacaacggcc tctcttccc ccagcacggg gactatcagt 420
acggccgcaa	caacatctta acagaccact tccaatacag ccggcagagc taccacaaact 480
cgtacagttt	gaaccgctat gatgtgtaga gtccaaagga caggaccaga ctgttggtga 540
ctccttcccc	ggccccaca gcagtatcag aaacttctga caatcagtga atgtacaacc 600
cagccgaggg	gacggggcat aactctccat cagaagccct ggggttcctg gccccccgtg 660
agccgcagga	ggatgcgttg cctgcagtgc agacggccgt gagctctggg caaacctaaa 720
cagagaccag	tgtctcatgc tctttcttcc tggagtctgt catctgaggg ccgtgtccct 780
gcggagatct	tggccacgtt gtacctttcc atgtggaatt attccccaag cagtgtagct 840
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ctgtggctgt	agaccatgaa ctggcagtg gggtgtccag ggcggtgctt gagaacgtca 960
gactggctag	tttaattccc tggcgcatag acgcatagga ccaacagggc caccagcag 1020
acagggagcc	cgcgagaatc attcaaaaca tccccagcca cagagatgga tccagtttcc 1080
tggtcatccc	cttagcagtt cacaagttcc tggaatgt tccaaagcaa aaagcgattg 1140
caattagcat	ccagttcctg cagcctgggt ctctgccctg cagctcaggg ttggcatcca 1200
cccagatcca	gatggaaggg aaacttctct cttctccttt gctcctctt ccctcaccag 1260
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aagctctatt	tctgtggcac atgtcttttg agaggcatct tcacctcttc tgtgatgact 1380
tggtatgttg	tttggtagag agatcttgat tttcggagga tcttgcatth ttctagggaa 1440



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cagagagaag	ttcagaagag	ccaaaattag	aagaagaggc	caggttcgtg	aagttcgtaa	1500
agaagagcaa	cgttatagtg	gtgaattatc	tggcattcgt	gcaggagtta	aaaagagcat	1560
taagcttaaa	tgaagttttt	gcttagcata	aggttttttg	cagtttttga	tcaataaatt	1620
tttactttta	actaaagtca	ttgtattaat	atataatact	ttaaatttta	aaaattcctg	1680
tccacaagga	aatttgtctg	ggttattgga	caattttataa	gaactatggg	agcaatatga	1740
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tgtaactttt	cacataaaga	gaatgcatct	ttgacagtta	tcttattttg	aaggcagcct	1920
ataaaatagt	tctgaagtat	tttattttacc	taactataat	tattgggccca	gatacttggt	1980
aataaatggg	cttaatgtta	acatggaaaa	aa			2012

<210> 4270

<211> 4288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1174)

<223> similar to gi5817110 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4270

agtctcattg	gcagaggcgg	gaccgacggt	gtgtgcggaa	catggcggag	cgcggcagga	60
agcggccgtg	cggccccggg	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	120
agaagaaaga	ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	180
agcgggcaca	ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	240
aggaccgagg	gcggccctac	acactgagcg	tagccctgcc	gggctccatc	ctggacaatg	300
ctcagtcgcc	ggagcttcgc	acctacttgg	cgggtcagat	tgccagagcc	tgtgccatct	360
tctgtgtgga	tgagatcgtg	gtgtttgatg	aggagggccca	ggatgccaaag	actgtggagg	420
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agtacctgga	gtgtccacag	tacctgagga	aggcgttctt	ccccaaagcac	caggatctac	540
agtttgcagg	gctcctgaac	cccctggaca	gccccacca	catgcgtcag	gatgaggaat	600
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tatcatcgca	ggaccctcgc	accaaagctg	gtctctactg	gggctacacc	gtccgactgg	840
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tggaggtggc	tgaaccaggt	gtcctctttg	acctgtacgt	caataacctgt	cctggccagg	1080
gtagccgtac	catccgcacg	gaggaagcca	tcctcatctc	cctggccgcc	ctgcagcctg	1140
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ccaccctcac	ttactgcccc	ccgtgatggc	cttgaggctg	cctgccccgc	ccaggatggt	1380
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gccacactgc	tgctccagg	atcagcacct	tgaagaagtg	tgtgggcact	gccacgtggt	1560

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catctctccc	cacagaggtg	agcaacaagt	gggcaaggac	catgacaggt	gacatcccag	1980
caccagcaca	ggtgccagga	caccggacgg	gggctccccc	tcagcagagt	ctcctccctt	2040
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ccagggctga	tagagtgcta	gccaccacc	tctgtccctc	ccacagccca	ggtgtcaaag	3420
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caaccgcgtt	cttttcccag	tctgagccac	aggaagagcc	tagcggggaa	tgccatgaat	3600
cgacctccat	cctgagctct	ccaggcctgg	gacaatggaa	agtggatagg	gggctgtctt	3660
cccagaagga	agctgggtca	gagggttggt	ccccatgggc	tccaccagga	gccccatggc	3720
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cgagcaaggg	aagcttcata	tgtattttaca	gccacccccc	cattgatccc	acagcagcct	4020
gagctccgcc	tcctgtcaga	tcagtggcgg	ctggagattg	tcataggagc	tggaacctta	4080
tggatgaactg	cgcagtgtgag	gagggttgcc	gctccttttg	aaaacctaat	gcctgatctg	4140
tcgttggttg	ccatcacctc	cagataggac	tgtctagttg	caggaaaaca	agctcagggc	4200
tcccacggga	tcctacatta	ctgtgagttg	tatatattcac	tatatgttac	aatgtaataa	4260
taatagaat	aaaatgtaca	taaatgta				4288

<210> 4271

<211> 987

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (961)...(622)  
 <223> similar to gi6018317 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4271  
 ttttactgaa aacattttatt ttttattttat ttattatttat tattattttta tgagccagag 60  
 tctcgctctg tcaccccagg cttggagtg agtggcgggtg atctcgggct cactgcaaag 120  
 ctcatgcctt ccgggttcac gccattcttc tgcacagcc tcccagagtag ctcgggactt 180  
 acaggcgccc gccaccacgc ccggctaatt ttttgtattt ttagtagaga caagggttca 240  
 ccccggtgtg gccagggaat ggtctctatc tctgacctc gtgatccaac ctgcctcggt 300  
 ctcccaaagt gctgggatta caggcgtgag ccacagtgcc cggcctgaaa acatttatta 360  
 caacaaaacg tcagacctat gtgacagtaa gttaccacaa gctggtaggg ttgaaccggg 420  
 gcaggagtcg ctggtacagg gacctactg cccaccccat gctcagctcc tgcctggagg 480  
 aacctctggc tgaccagac acaggatgga cagctgtcag aaaatctgga caacagctcg 540  
 gtagggcgat tgggcagcct cctcctgtcc atgcttctgc ccaggctgag cctcggagga 600  
 ggctgtgttc ctggtcatct tggggctgac gacaatgctg ctgttggtga ctcggggccc 660  
 ataccagcct gccagtagt ggggtgtccct gccccatgc tggaagagga tgtagcggac 720  
 accccggggg tagtctgaga aggtgtagga gacctctgtc catgtggcat tgttccactg 780  
 ttggatggtc acagggtggg gctcgaagga ggccaacacg aagtagtcag ccgaggccag 840  
 ctgcactttg agttggtagg tgcagccaca gtcggctctg gcagcaaacc agtccttaac 900  
 cacgatgtcc ggccggaatg tgtctagtag ctctcccag tagccctcgg ctacaagggtc 960  
 cgaattccac cgcactggac taatgat 987

<210> 4272  
 <211> 1848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1801)...(673)  
 <223> similar to gi3875264 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4272  
 tttttttttt ttgtatctat gtaaatattt tattctgctt ccagatagaa cattgaagtt 60  
 tacatgttat tttaaagaca ataaacagct aagctactga cataaaatat acaataaatt 120  
 tatgagatat aaggtagaga tgagaaaaat ctgaaataag tttttaactt catttagcct 180  
 attaggaaca tgaagatgtc tgggaattgat gctggccttg gtctcaagta ctttttccca 240  
 tatgtattcg ttttatcctt ccagaaagca tatcatatta gagtgtctaa gaaatcagtg 300  
 aatcactaag ttttccatct taccgaagta caaaacatta tttcaaactt aggccttctg 360  
 acagaatcca atatctattt ttatacttac ttttctttct actaagttct ttcataaaat 420  
 tatgaatcag aaagcaagta caagacatgc ttatttcaca cagaatatca atgaagactt 480  
 aagaagataa atagcaagta cttctaaaaa atcacaaatt ttgacatttg gaacaatata 540  
 attgccatac tattatatct tttattaaaa aagacctttt ccagcttggt tccagacttc 600  
 ttttactcct ttaatgcttt ctttcttcac acacttccag tattcttgta tactctgatg 660





<210> 4274  
 <211> 4928  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(4929)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(1699)  
 <223> similar to gi4003521 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4274

tgaaatggag	aaacaaagac	aagaggaaca	aaggaagaga	acggaggagg	aacgaaaacg	60
cagaattgag	caggatatgt	tagaaaagag	gaaaatacag	cgtgaattag	caaaaagggc	120
tgaacagatt	gaggacataa	acaatacggg	aactgaatca	gcatcagagg	aaggagatga	180
ttcactactt	ataactgttg	tacctgtcaa	atcatataaa	acatctggaa	aatgaaaaaa	240
gaattttgag	gatctagaaa	aagaacgtga	agagaaagaa	aggatcaagt	acgaggaaga	300
taaaagaata	agatatgaag	aacaacgacc	atctctcaag	gaagcaaagt	gtctttcatt	360
agttatggat	gatgaaatag	aaagtgaagc	aaaaaaagaa	tcactttctc	ccggaaaatt	420
gaaactaact	tttgaagaac	tggagcgaca	aagacaagaa	aaccgaaaga	agcaagctga	480
agaggaagca	agaaaacggt	tagaagaaga	gaagcgtgct	tttgaagaag	caaggcggca	540
aatggtaaat	gaagatgagg	aaaaccaaga	cacagcaaaa	atttttaaag	ggtaccgccc	600
tggtaaaactc	aaactcagtt	ttgaagaaat	ggaaaggcaa	agaagagaag	atgaaaaaag	660
gaaagcagaa	gaagaagcca	gaaggagaat	agaggaagaa	aagaaggcgt	ttgctgaagc	720
aaggagaaat	atggtagtag	atgatgactc	cccagagatg	tataagacaa	tctctcaaga	780
atttcttaca	ccgggaaaac	tggaaattaa	ttttgaagaa	ttattaaaac	aaaaaatgga	840
agaagaaaaa	cgacgaacag	aggaggaacg	gaagcataag	ctagaaatgg	agaaacaaga	900
atttgaacaa	ctgagacagg	aaatgggaga	ggaagaggaa	gaaaatgaaa	cctttggatt	960
gagcagagaa	tatgaagaac	tgatcaaatt	aaaaaggagt	ggctctattc	aagctaaaaa	1020
cctaaaaagc	aagtttgaaa	aaattggaca	gttgtctgaa	aaagaaatac	agaaaaaaat	1080
agaagaagag	cgagcaagaa	ggagagcaat	tgaccttgaa	attaaagagc	gagaagctga	1140
aaattttcat	gaggaagatg	atgttgatgt	taggcctgca	agaaaaagcg	aggctccatt	1200
tactcacaaa	gtgaatatga	aagctagatt	tgaacaaatg	gctaaggcaa	gagaagaaga	1260
agaacaaaga	agaattgaag	aacaaaagtt	actacgcatg	cagtttgaac	aaagggaat	1320
tgatgcagca	ctacaaaaga	aaagagaaga	ggaggaggag	gaagaaggta	gcatcatgaa	1380
tggctccact	gctgaagatg	aagagcaaac	cagatcagga	gctccatggt	tcaagaagcc	1440
tcttaaaaaac	acatcagttg	tagacagtga	gccagtcaga	tttacggtta	aagtaacagg	1500
agaacccaaa	ccagaaatta	catggtgggt	tgaaggagaa	atactgcagg	atggagaaga	1560
ctatcaatat	attgaaaggg	gagaaactta	ctgcctttac	ttaccagaaa	ctttccaga	1620
agatggagga	gagtatatgt	gtaaagcagt	caacaataaa	ggatctgcag	ctagtacctg	1680
tattcttacc	attgaaagta	agaattaatc	actcttttta	tcttttattc	tattaatttt	1740
tttttcttta	aaatcacttt	tcttcttctc	ttttttagct	gatgactact	agctcccttc	1800
ccctctccct	ggaactttct	ctttcactcc	aactttctta	ctacatccat	cttttctgtg	1860
gcggggccaa	aaaaggaaac	caggagtgcc	actatgctga	cttcttattc	cttttcataa	1920
cagtcttcaa	agcacagctc	atctaaagaa	tgccactctc	ttttccaaat	aagcatcaga	1980

tttatcgcc	attatgcagt	aacagtc	aaatgtact	tatggggggg	aattactcaa	2040
ttattctatc	agaacctatt	ataaagactg	tatttcccat	agacgtttac	agcaactatg	2100
tttaaaaaac	aaaaacaaaa	aaaaaacacc	caaacctag	tagaatacat	tattttgcat	2160
gaaggaatgt	catttctgag	ctttttacac	ctaaaattag	gctgaaatag	ctgagataat	2220
taatttgga	cctatcaatt	tgagtggact	ttttctttag	tagtacacca	ttttggttgt	2280
tgtagtttca	aagtccttcc	tgaagccaga	tatattgggg	attgggagcg	gggtggggaa	2340
aactgtcact	ccctttcaga	ggaaaagggg	aggagcatgg	agaaaaacaa	aaattaaagg	2400
acttaaagaa	tggctataca	gtgttgagtg	ttgaggatat	taaacatgtt	atttttcaaa	2460
cgtagtgaat	atatattaaa	tttataaagc	aaatztatgt	tgtgatcttg	cctgaacaaa	2520
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tagtcgaagg	cttcaagatc	taagtgtatc	agacttaggg	aaaaagtggc	acaaccttcg	2640
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ttgttttata	ttttaatttt	ctggaagaca	attttatttt	acaacgtgaa	cccaaataaa	2760
gtaacttctg	gatttaaaag	tctttctgta	ttttaagact	tgtgcaacca	gatgttacct	2820
tttatcat	aaaacttttt	aaaatcattt	tttctcacag	taaacataaa	aaaaaaccca	2880
gtcaagtaga	aaaattttacc	atgtaataata	tgtataaaaa	acacaaaagca	ctccttttta	2940
aaagtcatca	atgtacattt	attgaggaaa	ccataatgaa	tacaaaatta	cagcaatcat	3000
gtgacctttt	acatacaatg	tcattaaagc	aaactctaaa	ccacagtgtg	aaagtattca	3060
atttacctca	agtccaagct	gcatctccct	aagacactgt	tcccatcaca	gtaggcattt	3120
taagccaatc	ttcttttttac	acacgggtag	tttctgtaga	gaacattttt	ctcaggacga	3180
aatgcatcg	agcatgcata	agaaaatata	tatatatata	tgcgcaaata	catttaagag	3240
tttctatagg	ggtatcactg	aagaaaataa	aacctggga	tttatttgct	tattaaagc	3300
cccaatttaa	aaaaatccct	caaaagctta	tattgtggca	agaaaaatga	agtcactaac	3360
tcaacaaaaa	ataaggtaac	tttcagagcc	aaaattatct	ttaattaggt	attgtttata	3420
tgcattttaa	agtgaggcag	agtttgcaga	aaataaaaac	aagacatcct	cactgattag	3480
taaactctac	atcattattc	tacacaacag	ataactttct	aagtacagct	gattttactg	3540
gcagagtatt	caaacaaata	aaatgctatc	actttcgaat	gactccctt	tccctctgaa	3600
agtactctgc	tattcctacc	caaaccacc	cttatgaatt	aactaccaag	ataatttgtt	3660
taaaagatat	atttttacaat	gtttataaac	aactagtatc	aaattactag	ttttagtatt	3720
aaaaccattt	tttatattaa	aaaataaaaac	tatacttctc	atttctaaaa	gaaacatcaa	3780
accatagaat	tctaagtatc	accacactaa	gctgtcttaa	aaaaaactaa	aaacattgtc	3840
aaatttttgt	ttaagtgcta	aataagtcag	ttcagtttca	atctaaacta	tacattgttt	3900
ctaacactaa	tatccaatgc	attcaaatca	actggtcac	cttttctgct	ttccatttat	3960
ttcagactta	agatcagcgt	cattttaa	aatgcttata	gtatcagtga	aggcttatgg	4020
taatgaataa	aagaattctc	atgagacaga	aacaatgcc	caatatctat	tatcatcaat	4080
ctatctgtat	ttttttttat	aaaaatgcaa	tctacaacta	acaaaaactc	aacaggctct	4140
caagtttcaa	tgagcccctt	tatattatca	attgtacata	cctatcattg	actattaaaa	4200
cataacatac	acataaatgt	ggtgtagtaa	ctatgtact	taagaaattt	aacagttcat	4260
ggaacattta	agatcaagtg	aatagcactt	taaaatgaaa	agtgatcaaa	agcaggtaca	4320
ttacacccta	taccatatta	tgtatgggaa	tacatttcat	atttctcaat	tatgatttgc	4380
caatttttacc	ttctacattg	agcccttcta	tgggtccatgc	tcacgggctc	accaatggca	4440
tacactcaaa	ggattcctct	ttatgggtaa	ctatctcagg	acctgatttt	atgagctatg	4500
atttggtgct	tgcagcatct	tcagcactgt	gtgtgaaaat	gaaggcagta	tttttgataa	4560
tttttctttg	ttgcagagat	aagcaggagt	tttaaaagga	tcagcacatt	ttagaaatcg	4620
aataaacaaa	actgataaga	tgtctgtttc	atacattcaa	cttaactcaa	aatatgtacc	4680
agttaaaatc	atctataaaa	acacacaaac	attttaaact	ggcaaaaaaa	ttaaatgcag	4740
tgtcagttat	taaaatatta	ttaaatcaga	aaaatactga	ttgtacaga	ttatgaaagg	4800
ttatttgccta	tacagttaac	atttcactga	tgcacatgcc	ttttatcaaa	accggacgcg	4860
tgggtcgacc	gggattccgg	ngggttccga	ggaattcagt	anggtttcat	tggcctgctg	4920
tggccagc						4920

<210> 4275

<211> 1941

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (411)...(1263)  
<223> similar to gi5441500 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4275

tcacaggagc	aaggagacca	gagcattctc	accacccagg	ccagttcccc	ttcctcccc	60
ctggggggtg	ctgggtgccg	gacacccctc	cccaggggct	atattagccg	tgtgagtcac	120
ggtggaccgg	ctgggaggcg	gcaggctggc	aggcacagt	tagggttaca	gtccatttat	180
gggcgcagcc	gaaggcagat	atcagtgtcg	atggcattcg	ctcccagcta	ttcttaggag	240
cctctcaaga	gctccacgca	gcccggctgg	gcagcaaggg	acagaacagg	caaggctggg	300
ggtcaggggc	aggggcagag	gtgtggaccg	ggcaggcgga	gtgcctgagt	gccctctcac	360
tcaaccctct	ctaccctttg	tctgcagagg	cggccgctga	cagcaccagc	atgtcttaca	420
gtgtgaccct	gactgggccc	gggccctggg	gcttccgtct	gcaggggggc	aaggacttca	480
acatgcccct	cactatctcc	cggatcacac	caggcagcaa	ggcagcccag	tcccagctca	540
gccagggtga	cctcgtggtg	gccattgacg	gcgtcaacac	agacaccatg	acccacctgg	600
aagcccagaa	caagatcaag	tctgccagct	acaacttgag	cctcaccctg	cagaaatcaa	660
agcgtcccat	tcccatctcc	acgacagcac	ctccagtgca	gacccctctg	ccggtgatcc	720
ctcaccagaa	ggtggtagtc	aactctccag	ccaacgccga	ctaccaggaa	cgcttcaacc	780
ccagtgcctt	gaaggactcg	gccctgtcca	cccacaagcc	catcgagggtg	aaggggctgg	840
gcggcaaggc	caccatcatc	catgcgcagt	acaacacgcc	catcagcatg	tattcccagg	900
atgccatcat	ggacgccatc	gctgggcagg	cccaagccca	aggcagtgac	ttcagtggga	960
gcctccctat	taaggacctt	gccgtagaca	gcgcctctcc	cgtctaccag	gctgtgatta	1020
agagccagaa	caagccagaa	gatgaggctg	acgagtgggc	acgccgttcc	tccaacctgc	1080
agtctcgctc	cttcgcgcatc	ctggcccaga	tgacggggac	agaattcatg	caagacctg	1140
atgaagaagc	tctgcgaagg	tcaagggaaa	ggtttgaaac	ggaacgtaac	agcccacgtt	1200
ttgccaaatt	gcgcaactgg	caccatggcc	tttcagccca	aatccctaat	gttaaaagct	1260
aaaaggctgc	ctggaatccc	cccaccccaa	caggctggac	tccctccatc	cttaccacca	1320
cacagatctg	gcatgtgagc	cccacggtga	tgcttgacaa	tgtataactc	tgctgggggc	1380
acctctgatg	gccaaccgca	gcatttctgt	cctctgcccc	ccccagagct	gatgctgggg	1440
cccagccccc	tgcagctctg	taccaccaa	acctccccag	ggcaaccctc	gccacccccc	1500
aaatagcccg	tagcccaatc	ccctgccctc	tgacaggggc	cttagctgta	gaccagagag	1560
ggcaggaggg	gtttgctggc	ataacacccc	agaaccaagg	gaaatggatg	ggccgctgct	1620
cagtttccca	ccatcctcag	ctcctggcct	catccccctc	tagaatgagt	caccctgtaga	1680
tcagggtctg	gggaagaggc	tgatccctgg	cgctgcccgg	ctccctcgct	gccctctgga	1740
gctcagggca	gcccgggaata	gggctctttg	aagagggaagt	agaagcccca	gggtaatgag	1800
gcagagaccc	ctcctggcag	tggtgagggtg	ggggcatgca	ccctcctttc	tgtaccgtgt	1860
gtgctggctc	catagttctc	tcttctgtac	atataagcat	gcttggttctg	aaataaagaa	1920
gatttgaagt	gaaaaaaaaa	a				1941

<210> 4276  
<211> 2674  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (55)...(1880)  
 <223> similar to gi32456 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4276

gcgcattgac	ccctagaaca	gcgctcgaat	tgccgcgctcg	acccacgcgt	gcgaacccac	60
acaatggcca	gcgataccag	cagcctggtg	cagtcccata	cttacaagaa	gcgagagccg	120
gccgacgtgc	cctatcagac	tgggcagctc	caccccgcga	tccgggtggc	agacctcctt	180
cagcacatca	cacagatgaa	gtgtgcggag	ggctacggct	tcaaggagga	atacgagagc	240
ttctttgaag	ggcagtctgc	acccatgggac	tcggctaaga	aagatgagaa	cagaatgaag	300
aacagatacy	ggaatatcat	tgcatacgat	cattcccgag	tgaggctgca	gacaatagaa	360
ggagacacaa	actcagacta	tatcaatggc	aattatatcg	atggttatca	tcgacccaat	420
cattacattg	ctacccaagg	gccaatgcag	gaaaccatct	atgacttctg	gaggatggtg	480
tggcacgaaa	acactgcaag	tatcatcatg	gtgaccaatc	ttgtggaagt	gggaagggtc	540
aaatgctgca	aatactggcc	agatgacaca	gagatatata	aagacattaa	agttacccta	600
atagaaacag	aactactggc	agaatatgtg	ataagaacat	ttgctgttga	aaagagaggt	660
gtgcatgaaa	tccgagagat	cagacagttt	cacttactcg	gctggccgga	tcatggggtc	720
ccctaccatg	ccaccggcct	gctgggattc	gtgcggcaag	tcaagtccaa	gagcccgcgc	780
agtgcaggcc	cactggtggt	gcactgcagt	gctggtgcag	ggaggactgg	ctgtttcatc	840
gtcattgata	tcatgtttga	catggccgaa	aggggaaggg	tcgtagacat	ctacaactgc	900
gtcagggagc	tgcggtcacg	gaggggtgaac	atggtgcaaa	cagaggagca	gtatgtgttt	960
atccacgatg	cgatcctgga	agcctgtctt	tgtggggaca	cctctgtgcc	tgcttcccaa	1020
gttaggtctc	tgtattatga	catgaacaaa	ctggatccac	agacaaactc	aagccagatt	1080
aaagaggaat	tccggacgct	aaacatggtg	acaccaacgc	tgcgagtaga	ggactgcagc	1140
atcgactgtg	tgccccggaa	ccatgagaaa	aaccggtgca	tggaatcctt	gccccagac	1200
cgctgcctgc	ccttcctcat	caccatcgat	ggggagagca	gcaactacat	caatgctgcc	1260
ctcatggaca	gctataaaca	gccttcagct	tttatagtca	cccagcatcc	tttgccaaac	1320
acagtgaag	acttttgagg	actggtcctg	gattatcact	gcacatccgt	agttatgcta	1380
aatgatgtgg	atcctgcccc	gttgtgtcca	cagtactggc	cagaaaacgg	agtacacaga	1440
cacggcccca	tccaggtgga	atltgtctct	gctgacctgg	aagaggacat	catcagcagg	1500
atattccgca	tttacaatgc	cgccagaccc	caagatggat	atcggtggt	gcagcaattc	1560
cagttcctgg	gctggccgat	gtacagggac	acaccagtgt	ctaagcgctc	cttcttgaag	1620
ctcattcgcc	aggtggacaa	gtggcaagag	gaatacaatg	gcggggaagg	ccgcaccggt	1680
gtgcaactgt	tgaacggggg	aggccgcagt	gggacgttct	gcgccatcag	catcgatatg	1740
gagatgctcc	ggcaccagag	aaccgtggat	gtctttcacg	ctgtgaagac	actgagggaac	1800
aacaagccca	acatggtcga	cctcctggat	cagtacaagt	tctgctacga	ggtggccctg	1860
gaatacttga	attctggctg	atgggtgtaaa	cagctctgca	aacaatccct	ttcataccac	1920
aaagccaaga	cgttccatgg	tatttgtgca	aaagagatga	agacttctca	atatgcttat	1980
tttgctttgc	ataattggct	ctttttaaga	gcccagaaga	gtgtttctaa	aattgcttgc	2040
actgcccaat	cccagtaatg	ctgctgcctg	acagaaacac	acacacagcc	acagttgcca	2100
aatcccgta	tccttgccac	cggtcttcta	gagcagcgta	gacagctggt	aaactgaaga	2160
gcacaactat	attcttatga	aggaatttgt	acctttgggg	tattattttg	tggcccgtga	2220
ccctcggtat	tgttacagct	gagtgtatgt	ttttgttctg	tgagagaatgc	tatctggcat	2280
tatggtaata	tattatttta	ggtaatatgt	tgactttaac	atgttgcata	atatatgctt	2340
atgtagcttt	ccaggactaa	cagataaatg	tgtaatgaac	aaagatatgt	tgtatgagtc	2400
gtcgtttctg	tcagatttgt	attgtttcca	agggaaaagc	ttgggggagg	actcagttca	2460
caaaatgcaa	aactcaacga	tcagattcac	ggacccagag	cttttccatg	tgtttatatt	2520
gtaaatatgt	ttgatttcat	cgaaattatt	tattcattaa	aagaaatttt	tgtgaagcac	2580
agtgaagtgc	aatcattttt	cttaaggcct	ggaaacgatt	ttctgtatga	tgttacttta	2640
tgtgaattct	catctcaata	aatgatgacc	cgtg			2674

001210"524060

<210> 4277  
 <211> 1247  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1248)...(319)  
 <223> similar to gi404751 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4277  
 tttttttttt ttcagtggcc attggagatg tttattacac tgcttcggct ggacacgcaa 60  
 ccatgtgaca ctaatgtgtc atagaaggct tctgagcact ttggctcatt ttgaatataa 120  
 tttttaaaaa tatacacaag gctggctttc caatgtttta aatcattgta gaaaccaaca 180  
 ggttgaacag aaatataaaa gtacagaaaa tggttttcct gctttggtgt tggttgtggc 240  
 ggccgaggaa cgtgactgct gctgtttaca caagtccaga cgctgccagg gcctgttggg 300  
 atcagctcag tctgcgacta aaacagctgg atcatcgact ctcttgactt gccaacacca 360  
 acccatttga ctgagagagc agaaaagact gttatgatac acactgcgac tcccacgtga 420  
 ttctccacaa agcggatgta gttctggggc tgtgggggca ggtcctccca cctcctggcg 480  
 cctgtggtgt ctgctttcca cccaggcagc gtttcatact caacttcgac cttctgaagc 540  
 atctcctggt tagctgggaa ataggggaatc cttttcccggt tcagcttgta tgagacaccg 600  
 actttaacct caccagtagc gtccaggatg tccagcttcg tcagggccag cgcagtgaat 660  
 ccgttgacca tgtgagcata tcttagaatc atcaggctga gccagccgca gcgcctcttc 720  
 ctgcctgtgg tcactcccca ctggtggccg cgggtctgca gcaggcctcc aatctcggtg 780  
 atctgctcgg tggggaaggc cccgatgcc acacgtgtgg tataggcttt caccacgcca 840  
 tacacgtcac ctatgttctg cgggggggatg cccaggcccg tgcacacacc gcccacggtg 900  
 cagttggatg aagtcacaaa ggggtaggtc ccgaagtcaa tgtcgaggag ggcggcggtg 960  
 gcaccctcca ccaggatctt cttggggggg ccgtggagtg cctcatacat aaagtaaaca 1020  
 ccatctcgga ccatgggtct gatccgctca gcaaagccct tgagcctttt gagttggcct 1080  
 tcaatgtcta tttccagggt ggggaacatc gactggtgct ggtgggccag gttcttgaat 1140  
 ctggaggaaa actcatcaaa atctgacagg aggtcgcaga tgcggaggcc tgtccgggca 1200  
 gctttggaag agtaggttgg tccgattccc ttcttggtgg tgcctat 1247

<210> 4278  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(186)  
 <223> similar to gi536845 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 4278
aagaaatggg caaaggtata gacagcctat ttaatgaaat aatagctgaa aacttcccag      60
gtcttgctag agacatagac atttggaagc tggaaactca aggagtcca aatagattca      120
atctaaagag gtcttcccag agacaaatga tagtcaaact gtcaaaagtc aaaaacagag      180
aattctaaaa acagcaaaag a                                     201

```

```

<210> 4279
<211> 524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (526)...(353)
<223> similar to gi206537 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4279
gacggggttt gaggagcttt gatacaaaac cccccggagg ggaggggtca aaaaaagaaa      60
agtgggggaa gagagaaaaa gcaaagaaaa gacacgatgc acggagaaag gagcagctga      120
aagtggcctg gactccagcc ctggctgttg tctggtgggt gcgggatggt gagacagtgc      180
ttgcggcaca tcgtgggggt cgtagcaggc ctgtggctgg ggaaacaggc tgaagaagac      240
cactccaggg tggacgggct ggggacaggg gctgcttgag atgacagcag agccgctctc      300
agggccaggc agggggagta gtggctactg atactcaata gggcatcac atgagaggac      360
agcaggcact tgtttcatag aagtccatgc catactcctt cgccagctgc tgcccttgct      420
ctcttcccac ctgccgtttc tgctcctcat cagccttatt cccaataagg atcttctgga      480
cgcttctggt tgcgtactca tccacgtcac tgaccactt catg                          524

```

```

<210> 4280
<211> 1216
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1216)...(501)
<223> similar to gi2832770 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4280
gcgcgcggcc gggccccggt gtctgggacc ccaactgtga caggcgagaa ccactgtctc      60
tgatcaacgt gcggaagagg aacgtggaat ctggggaaga agagctggcg tccaagctgg      120
accactacaa agccaaggcc acgcggcaca tcttctcat caggcattcc cagtaccacg      180

```

tggatggctc	cctggagaag	gaccgcactc	tgaccccgct	gggtcgggag	caggctgaac	240
tcactgggct	ccgcctggca	agcttggggg	tgaagtttaa	taaaatcgtc	cattcgtcta	300
tgacgcgcgc	catagagacc	accgatatca	tcagccggca	cctgccaggc	gtctgcaaag	360
tcagcacaga	tctgctgcgg	gaaggtgccc	ccatcgagcc	agacccgccc	gtgtctcatt	420
ggaagccgga	agctgtgtat	tacgaagacg	gagcccggat	cgaggccgcc	ttccggaact	480
acatccaccg	cgcagatgcc	aggcaggagg	aggacagtta	cgagatcttc	atctgtcacg	540
ccaacgtcat	ccgtacatc	gtgtgcagag	cactgcagtt	tcctcctgaa	ggctgggctc	600
ggctctccct	caataatggc	agcatcaccc	acctggtgat	ccgacccaac	ggccgagttg	660
cgctcaggac	cctcggggac	acggggttca	tgctccccga	caagatcact	cgatcctgag	720
ggctccggcc	tctccttccc	tctgtcctcc	ctgcacaggc	cgcacacact	taacgttttg	780
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gaccaggctg	agaaggggag	agttgggagc	agacagcctg	acttctctgc	agggttttat	900
acctgaccat	gaacccccag	gatggcgtgg	ggtttaagg	gaaagcgtct	cacgcacaag	960
tcaggcctgt	tgtggggacc	tgaaagaggg	ctgacccagc	ccaccatgtt	cgcacccaca	1020
gctgacccgt	gctgagggtc	caggctccat	tggcaaagcc	ggtcaggcac	gaggcgagct	1080
gaggcacgtg	gatgaggagg	gcacccagg	tctgttcaca	actcacttca	cttcatacat	1140
ccttttaatt	tcttaaaacc	ctcttgtccc	ttaaataatt	gtcaattaaa	gattttctgg	1200
ctgggcaaaa	aaaaaa					1216

<210> 4281  
 <211> 1559  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1521)...(1393)  
 <223> similar to gil334349 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4281	
agcggagagg	cccgaacacag agcagcaggt agcttttctc tgctggcacc ctggagacag 60
cctcggctgc	ggggcccctg ccttctagtc ctcccagct ttcaggacac cttgacaacc 120
tgggggccct	gcagaagtgg cccggctgtc ccccaagtct cctgaagcta tctgggtagg 180
gtgggaggca	gtgctgtgag ccacaaatgc aaagcagagg ggacagatgt tgggactcaa 240
agacatgagg	tagagctggc cccatgggta ggtgccacca ccagagccca tgaggcttcg 300
tgttctagaa	ggtggtgggt tagtgccgca ctgagggcgt gtccgggagg gagcatgtgt 360
caccagggct	caggaaacag catgagtcac gacgcggggg tgtttaaggc attcgtgcca 420
cagcggggac	ctcggagcta tgccttgata aggcaagtga ggttacatgt acgatgatgc 480
ggtttgtgct	gcagactgga aaaaagcagg ggctttgtcc tctcctgacc cctcacact 540
ctgccttcac	tggtaggtcc tgagaggggg gtctccaagg aggggtgtcag tactgcagct 600
tcagctggcg	tggatggggg gcttacagga gcagcagggc tgagggagat gacagcagta 660
cgaaccgtgg	ctctcctgag gcctgggttt cctcatatgt aaaatggggg ttgcattaga 720
ccataccctt	ggcctgtgtt taggcaaata gggatgaaag tggggccaag ggctgaagag 780
ctgggtccgc	tgcctgtgtt gcccttcttt cttgccaggg gaggtagctt cgcaatcagg 840
tctacctgga	ggatggactg gaccccttcc caggcgaggg ccgtgtgggt ggcaggcagc 900
ggatgcacaa	ggccttggac aggggtggagg agcaccagg ctccaggatg actgctgaga 960
aatttctgaa	caggctcccc aagtttgtga tccggcaagg cgagggtgatt gacatccggg 1020
gccccatcag	ggacaccttg cagaactgct gccattgcc tgcccggatc caggagattg 1080
tggtggagac	gccaccttg gccgtgagc gagagaggag ccaggagtca cccaacacac 1140

09400733-012100

cggcaccccc	gctctccatg	ctgcgcatca	agtctgagaa	tggggaacag	gccttcctac	1200
tgatgatgca	gcctgacaac	accattgggg	acgtgcgagc	tctgctagcg	caggccaggg	1260
tcatggatgc	ctctgccttt	gagatcttca	gcacattccc	gcccaccctc	taccaggacg	1320
atacactcac	gctgcaggct	gcaggccttg	tgcccaaagc	agcactgctg	ctgcgggcac	1380
gccgagcccc	gaagtccagc	ctgaaattca	gtcctgggtcc	ctgtcccggg	cccggcccca	1440
gtccctgtcc	cgggtcccgg	cccggcccca	gtccctgtcc	cggacccagt	cccagccccc	1500
aataaagcac	ccgccccctc	aaaaaaaaaa	aaaagggggg	gggctgttaa	gaagatccc	1559

<210> 4282

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(1230)

<223> similar to gi2662161 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4282

cgggcccagc	agtgggctga	tgctgccgac	gtctctgggc	ctgacgacga	gccagccaag	60
ttatattctg	tgcattggcta	cgcgtccgcc	atctccgccg	gcagtgtctg	ggaaggcagc	120
atgggcgatc	tcagttagat	atcctctcat	tccagtgggt	ctcaccattc	aggaagccct	180
tcagctcact	gttcaaaaag	tagtggttct	ctggattcat	ccaaagtcta	catcgtgtct	240
cacagcagcg	gacaacaggt	tcccgggtcc	atgtccaagc	cctaccacag	acaaggggca	300
gtgaacaaat	atgtcatcgg	ctggaagaaa	tccgagggca	gcccaccgcc	cgaggagcct	360
gaagtgactg	aatgtcccgg	gatgtatagt	gagatggatg	tcatgtccac	agcaactcag	420
catcagacag	tgggtgggaga	tgctgttgca	gagactcaac	atgttctgtc	taaagaagat	480
tttctgaaat	tgatgcttcc	tgcagacccc	ttagtggagg	aggggcgaag	aaagttttcg	540
ttctatggga	acctgtctcc	aaggagggtcg	ctttaccgca	cgctgtctga	cgagagcatc	600
tgcagcaaca	ggaggggggtc	ctcctttggc	agttcccggg	gttccgtgct	tgaccaggcc	660
ctgcccacag	acattctgtt	cagcaccacc	ccaccctacc	acagcacgct	gcctccgcgg	720
gcccaccccc	caccagcat	ggggagcctg	agaaatgagt	tctggttctc	cgatgggtcc	780
ttatcagata	agtccaagtg	cgcagatcct	ggcctgatgc	ccctcccggg	cacagccaca	840
gggttagatt	ggacccacct	cgtggatgct	gcacgggcat	ttgaagacca	gaggggtggc	900
tccttctgca	ccctgacaga	tatgcagcat	gggcaggacc	tgggaagggg	ccaagagctg	960
cccttatgtg	tagatccagg	cagtggcaaa	gagttcatgg	acacaactgg	ggagcgttct	1020
ccatcaccac	tgaccgggaa	agtcaatcag	ctggaattaa	ttcttcgaca	actccagacc	1080
gaccttcgga	aggaaaaaca	agacaaggcc	gttctccaag	cagaagtgca	gcacctgaga	1140
caggacaaca	tgaggctgca	ggaggagtcc	cagaccgcga	cagctcagct	gcggaaattc	1200
acagaatggt	ttttaccac	catcgacaaa	aaatcttagc	caatccgcac	ctcatcaagg	1260
gaccactggg	aaatgcccct	tgtccctttg	aagtcacaaa	catgtgggtt	ttctgtgtgc	1320
tttcaaccaa	tcgtagatgt	ttttgctggt	ccattctgtg	tagcaccatt	caccacagca	1380
ggatagggag	cctcgactct	ttctcggtaa	ccacggcaga	gagcagcgcc	gatgtgaaga	1440
tgaatgaatg	taactcctgg	tgtgaagatg	aatgtaaacc	ctggcgacag	ttgagacctt	1500
tttcttttag	actctgctaa	aacagtgtct	tggcttgggc	ttacctcaag	agggaagata	1560
gttgagtttt	atttctgtga	tatcaggtga	cctggtagag	atgtaaagca	atttaccata	1620
gtttgggctt	tagtatttga	aaataaacat	gagaacaaat	aatcagacat	atactttaat	1680
gttaaagggtg	ctctattttt	ttggatgtac	agtagtttta	tttccacagc	cacattacca	1740
tagcaataag	aaaggaggca	tagtacatag	ttggaaaagc	tttgtggggg	gattaaaaaa	1800



```

aaaaaaaagc actgtggggg ttaacactag ttcagatgca gttaccttaa aaacttattt 1860
atttgcagga acaaaggggg cctgaatatt aacagggttc tgattaaaaa aaaaaaaaag 1920
atacatatgc cttgaaaagg gctcaccgag gggccagtag tcaattcaac tcttagttca 1980
cttttgtata gctgctctgc tggaaaaaaa tgaaagggaa tctgcttact ccctaaaact 2040
tccctggggg ctgggagcca gcggaaccac ttgtacaatg ccagatttgt ttatttttgt 2100
ccaaaacctt tgatgaaggg ccttgatattt aacccccctt ttaagcttg 2150

```

```

<210> 4283
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (604)...(342)
<223> similar to gi202523 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4283
tttttttttt ttccagcggg aaaaatgtgg atttaatgga atgaaggatg aaagggcccg 60
aagccagcaa gtctcgcccc acctaccagc ccccacccag ctcccaagg gtctcagagg 120
gacactcttg gcaactggcct ttcacatctg ttcaacaacc cctgagctga aaagttgcag 180
tgggaggcct ccagctcagc aggtggactc caaaataccc ctcttgtctt atccactcca 240
ggtcgggggg agggaagcac atggggctgc ttctgccacg ttccctccac agccatcccc 300
aaggccaggc acacaggcac catccaaggg cctgccccct agcagtgaga ctctagctct 360
gtgagtctga gcagtgaagg cctgggggtg gcgggagccg agggtcctgc tgggttccgc 420
tggggcaggt cctcggtctg gcacatgagc tgacggattc tctctctgaa ggggcccctg 480
agggttccga gtctgtagag gctccaggca ggaatgcaga ccatggagga cagagccagg 540
agccagccca gggcatcgcc ccaccacggg tacgtgtact tcttggttgta ggtcagcgga 600
g 601

```

```

<210> 4284
<211> 2635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2638)...(1065)
<223> similar to gi2635219 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4284

```

caccacgcct	ggccaacttt	tgtgttttca	gcagagacgg	tttcaccatg	ttggccaggc	60
tggtgttgaa	ctcctgacct	caagtgatcc	acccacctca	atctcccaaa	gtgctgggat	120
cacaggtgtg	agccaccact	cccggccaat	aatatcttta	aaactaaaaa	aaaaaacaga	180
aaattgataa	gtaaaatgac	ttttactatt	gatatcagtt	ttgtttaatc	tgaaactata	240
aaatagagat	atatctacct	atttatggat	ggataatacc	atcatctcat	atgtgtggaa	300
tgctttatag	tttttcaaag	tacttttatt	cactttatct	tccatatatg	ttatctcctc	360
tgattccagc	aataacagcc	cgggtgaggt	gccagggcaa	gtatgttttt	ttacacatta	420
gcaggaagg	aggctaagcg	aggtttatgt	aacttactca	ggctgaaaca	ctgaagaaaa	480
atgtgtgact	ctcattttcag	tgatgttttc	tgcatatta	aaaaatatta	tgctactcct	540
cactatatta	tggtgatggt	tgaaatgtca	ttataaagct	taattttatat	gattctcttg	600
atgaggatga	tgaagcaa	gctccatcaa	ctcactagtt	tacaggggca	agcattttcc	660
tacatttcac	acataatttg	attacctctg	tcctaagtga	ataatctact	atctgggtat	720
gagaaacatg	atttgaaaac	actaaaccac	tatattattt	caacaaagaa	ccatctttca	780
cacctaaagta	aaaaggaact	tcaaaaaaag	tcctaaccaa	aaaaaatcca	aatgatgcat	840
gaaatcaaag	tcaaaaattg	gggtatcttt	taatctgttt	cttcggttgt	ggtgaagaat	900
gttgccctgga	ttcctttccaa	tctaaagact	tgattgttag	acctgtggca	gaactctaga	960
tctgacttta	gccttgggga	agcaaagagg	acaaaacctta	aaagctcaac	tttctgcatg	1020
gtatgcatga	ttcaatgagc	tctttctgct	ttggagtctg	ttggcttgga	gactcggata	1080
tgatagggct	tcagttcctc	aggagggaca	gaatctgggg	tattgctcat	gaggatcatgt	1140
ccccggaagg	actttgggaa	ggctatgaca	tctctgatgc	ttggagatcc	agtgacaagg	1200
catatcagtc	tgtctaacc	taaggcaatt	cctccatgag	gggtgcccc	ataatctaaa	1260
gcctggagca	gatgggagag	cattttcaca	tcctccttta	gtaaggttgc	caggatataa	1320
cgctgcagct	ctgcattgtg	aattcgaatt	gaaccacctc	ctatttcatt	gccatttaaa	1380
accaagtc	agtgttggt	acgggccttt	ttgggctcag	tgtacaggag	atgtatgtca	1440
ctgggggtggg	gagcagtaaa	tgggtggtgg	gccgattcca	gctctctggg	atcttcctcc	1500
ttgggagga	agagtgggaa	atctaccacc	caaaggaaag	agaacagagt	ggggtcacgg	1560
agcaccactc	ctcttgtttc	tagaagggtca	gcacattcca	gtcgtaat	tcctaacaaa	1620
gagcatgctt	tattgtgctc	tccagcagtt	agtaggacca	catcttcctc	ttgggtctcc	1680
attagtctga	tttaattccag	tctttgtgac	tccattatga	aattagcaac	tggagaattc	1740
cagtttctat	tggcggttaag	gaatacagg	aagatttcct	gattaaaatg	gtcagctgca	1800
aagtttctaa	tggattcaat	gtctttcctt	tttaagtatt	ttgctccttc	agggatacat	1860
atggctttct	cagttccatg	gggcttacta	agtgcattct	gaagaaatcc	aatctctgtg	1920
tttctaaaca	catcactgat	atctataatc	ttcattccaa	agcgagtgtc	aggtttatca	1980
gttccatagg	tggccagcac	ctcagcaaaa	gtcatagtag	gaaaagggaac	aaccacagga	2040
tctttgtcat	tgggagga	atactggagc	aaacctcaa	ttaaactctg	gatcccagtc	2100
tggtctacaa	atgacatctc	tatgtcaatc	tgagtaaa	caggctgtct	gtctgggtctt	2160
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cgaagagcct	ctgttttctt	cacgaagttc	tttaatttcaa	agggcagctt	cttgcaaggca	2520
ttcagaagct	cagctgtttt	aactttgatt	tcaatctcac	ctgttggcat	ttttggattc	2580
tcttgtcctg	caggacggga	aatgactgta	ccagacactt	gcaccacaga	ttcca	2635

<210> 4285  
 <211> 2644  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2643)...(1538)

<223> similar to gi474282 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4285

tttttttttt	ttagacaggg	ttttgctttg	ttgccccggg	tgaattagac	tttggggtttc	60
aaaaaaaaaa	agggtcaggg	gaggaagagc	tgtcacttca	gtgttaggac	ctgagctcct	120
tgctctgcac	aacagcccca	gtgtttcagg	ccccctccca	gggagggcat	cagggagggg	180
gggaaagggg	gctgggttat	gggaagttca	ttctttctgcc	agatagtctt	tcggctgctc	240
ctttttatct	tctgggtctt	ggcttgaagg	tcacctgccc	agagaggccc	tccctgaccc	300
cgtagggtag	gtcctcagct	gtctatctat	ctcctttgta	gcatttccta	tgacctgcag	360
tcacttcact	tacttgtcag	tttcccttac	catcgctttc	tccctctctg	accccttgac	420
tgcagggtct	atgactgtct	cactctcagc	ggtgtccctg	gcctctagcc	cagtgtctgg	480
tccgttgcag	gcactcacca	agcatctgct	gaatgatgga	acagacggac	actcaactgg	540
ggtggccagg	agacggcagg	ggcgagactc	tcctttgcct	tttttgggct	gtgtgacctc	600
aggcaagttg	ctgctcctcc	ctgggcctct	tcccaatcta	aacctgagta	taaataaaca	660
actgcatctg	aagggtcggc	ctcatgcttc	tcgaatatat	caggaccgat	ttcaggggag	720
gtaatagaag	ttggaatcgt	ttactaaatt	ataccttaaa	tcaactgctg	gctgattatt	780
atttctgatg	gtaacattgc	aatgggtttt	ctaggagtca	ctgatgtgca	atgagcccaa	840
tcatatttct	tattcaataa	actcttttat	tctagtccac	agatttttcc	attacaataa	900
taatgaaaat	agcactagta	at ttgttaaca	ctgaggccca	aagggaacc	cctcctcaaa	960
ttataaggta	aatgacacaa	agttgaacat	agggtcagtg	ttgggcaaaa	agcatttaaa	1020
atatagataa	cgggggtcaag	at ttgtgtgtg	tgtgcaaaaa	ctgggttttg	tttttcagga	1080
tgacaccatt	ttagaaagtg	catgattttg	aaaactatat	gtgtaattgt	gacaaaacta	1140
aactgtagag	aaaagacaaa	atcaagcaaa	aacaaaaacc	aagaaaccaa	aaggaagcaa	1200
atcaaataca	aggggcggat	atgcaaacct	ccggtccttt	ggccctggaa	tggcaagtga	1260
gtgggcttca	tagaaattct	ctgtagaaag	gaatgtgtgg	gccagtgtgg	ccatggccct	1320
ggcctgacat	cgctgagtct	ccaagtcttg	tctcctcaca	gaggaaaaga	agttgcttgt	1380
ccgacacatc	tgttgggggg	ctgcccagag	tggggccttc	gttcccaatc	cctttgagaa	1440
cagtctcaaa	tcctgaaaag	gcaaggcatc	cctgcggcgg	ccccagggcg	gcggcaggag	1500
atgggggtcag	tgtctgcccc	aggctctgcc	ggagctgtct	gagtgggttca	ccgggagctg	1560
gtgggcctcg	gtgttgaaca	cccagttctc	caggggagagc	aagtcatctt	cagagaacag	1620
aagatagaga	tacttttagtg	tctccgctag	aaagaagctc	tgctgcttgt	tgtcgtgggt	1680
gggggtgcta	ctgtacacgt	cttggtatccc	agagaaaccg	gcttctgtcc	gacagtattt	1740
ctccaaggcc	agcaccacct	cccagcccca	ctccctgtag	atggggttgt	gggtctgtcg	1800
ccacaggtac	atgtagctct	ccaccacctc	tggccggagg	atgtagtagc	tctcgctcag	1860
ctgggtggcc	acggcctctc	tgccggagtt	aaaccagaag	gcctcaggcc	caagtttggt	1920
gtctgagcgg	gcgtatgact	cgtgacacgt	cttgggtgatc	tgggctgcga	gctctcggta	1980
gtggggccctc	ttttcttcct	tggcatcctc	ggcgccaagg	gcgatcatgc	ccccggagaa	2040
acaggccagg	tgccccatct	tgtggtccag	aatccccctc	cgccactcgg	caatgtaggt	2100
cagccccccg	ggagagacat	tcagcaagta	ggtctctatc	gcctccaagg	cttcgtagta	2160
catattttta	gcctccatat	ctgtcttgcc	cgacatcaac	caggatttga	tcaaatattc	2220
ataaaaactg	tccccgagtc	ctccaaactga	gacatggtgt	tgcacccagt	tcccactcac	2280
tgggctgagg	aagttggggg	agaggccaaa	gggcttttcg	atcttctctga	ggaccttgcg	2340
gatgttctctg	accttttcag	cgaagacctg	gttgccagag	agttcagtga	ggtgtaagaa	2400
ttccaagtgc	agggatccaa	actccgcaa	gatgtctgtg	ctgccggctg	tggcccagcc	2460
ccagttccca	cttttgaagc	tcaccacgcc	ctttgggatt	cccgtggggg	tgttgaacgc	2520
cggcaggagc	ttctctccca	gcctgatggc	ctttattcgg	aacacctctt	ctcctgtcag	2580
gtagaaggct	gagaggagtc	ccccgatgta	gcggatgttc	acctcaaaca	aggatgcttc	2640
tccg						2644

00432200

<210> 4286  
 <211> 1542  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1440)...(1146)  
 <223> similar to gi553070 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4286  
 tttttttttt ttcaaatgcg atttattgta cataaaataa attaattaca gtttaagcca 60  
 aagcatgagt ggctttttta agtgcacatg tggaggggat gtggcaggta gcccctgttc 120  
 acttgctgta agataagtgt ttttagtattt cagccaccct taggcacacac tcagccaggc 180  
 ctaggaagca acccaacgtc attgccatga accatttaca caagtcacac caaaatcaac 240  
 tgacacattt ttttcctgat ggaacagtta aaaaaacaaa aaactataca gtcaaagtct 300  
 ggggttgaag agcgtgaagt tcacagctcc tccacacacg cccaactgag catgctcatc 360  
 ctgtgagggg gaaccagagc cttcctgtaa accatgagag cttaccaatg tctggtatac 420  
 aaaatattct ggcccataaa ctcaacctgt ttttgagggg taggggattt tccatcttgt 480  
 acataaagaa agaaatctgg gtatccttca ggtagaaaag gcattctgta agaatagtgt 540  
 tccagagtta caaatcatatc tggtaagaga aaagcaattc ttcctcttgg ggaaaaagag 600  
 gaaaagaaaag aagaaaagag aaaaaagaaa aaagggggaa aaaagaaaagc ctatcaatgc 660  
 ttaatctgtt ctttcatctc cactgtaaat cacatccaat acatttggtg aaacttgcaa 720  
 cgggaccacc atttacaagg tagttgaatg cagaaaccga aacggattat gccccctccc 780  
 cactctaaag gaaaagacac agagtacatt tcacatattc agagagtggc tcagtgggct 840  
 ctttcaagcc tcatcaatcc tgtccccctg ctcagaacaa cacttccttt tctgtagcag 900  
 ttccacagcc cctcttgacc cttctgctcc agccctttct ggaaccagga atcattgcca 960  
 atattcaacg ttcctgcact aggagaacct caggccctct tcctgggaag accaaacccc 1020  
 cttgagtgtt cctcctgctt cagacggagg tgacagtcct cactttggca gagagggtt 1080  
 gcttaaacct cctcttcagg tcctgcatgt tgggtgactt gggcctggga atgagggagg 1140  
 ttcttcgctt ctcgggtgta ctgctaggct gctgtttgtg actgacctct ttacagagga 1200  
 cgtggaaggc gctgtagaca tcattataat tttcactgac agacacttca tagaatgagc 1260  
 agcctagcat gctggctagc tgcagtccaa gctgagggtc aacctgtttg atgtgcaaca 1320  
 ggtcagcttt gttggcctcg accaccacag gcagccgggt gccaggtgt agcttctgca 1380  
 cgtgctggtg gagctggctg atgagttcat agctcttgta gtcagtgatg gagtaccca 1440  
 tccccccagc atgtgcacag ccaatgcact atattaagct gttcactgca gctcagcctg 1500  
 ttctcatggt cctgaatacag tggagtgtgt tgaagctgtc ag 1542

<210> 4287  
 <211> 1333  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1311)...(500)  
 <223> similar to gi3879119 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	4287					
tttttttttt	ttccatgaga	tgcctgccat	gacaggcgcc	acaaaccttt	cctttaattg	60
caaaacatgt	cccagtcccg	ggaggcttg	gaagagtgg	aaccagggga	accagggat	120
gggattccac	tgaaaacaaa	ccgtcctgct	gtcctgtcga	gggccccac	ccacaggatg	180
tagccatggg	acagccactg	aggtgccagg	aagagggcg	gcagagcagg	gaggcaggga	240
cagggagggg	tcgcccagg	gcagtggcag	ggctggaact	cgtccctaac	atccctgagc	300
cccagcaggt	gccctgtgtt	agaagcgaga	gggctggtgg	gggtgcgtgg	acaaggggca	360
gaatgatcct	gcccccaacc	agtatcgcca	ggcgtggcc	cagtggcccc	aggccctggc	420
agctggcgtc	ttccgctgcc	ttccctctgc	tctgcgcggg	gacattcagt	gcgctgggga	480
ggcctcggtg	atggccctct	ccaccgcgag	gtaccagggc	tggatgtgcg	tgtgctgcat	540
caggtcatcg	aatgcatcca	gcccctccat	cacacgcagc	acgccataca	ccgccaaatc	600
agcgagattc	ggcttctggc	cccccatgaa	gggcgggtcc	ttgccacag	cagccaccca	660
cttgtcagca	gcctcataga	ggtcctcgcg	cacgttgtcc	tggaggcggt	gcctgctctt	720
gagtcgcttg	ctgatgaggt	acatggccgc	tgcacccatg	tacttgcca	cggcacccctc	780
cacggctccg	aacttgccct	cgcggacaat	gtagtcaaag	gacgccagag	cctcggtggg	840
cgtgcggtac	acattggggg	agatcaggtg	caccagccag	tcgtccgccc	actgccgcca	900
cttcatctcc	tccgtcctgg	cctccttccc	accatacact	tgctgggcct	ccttctcgtt	960
gagcatgagc	cagtacttat	tgccgaactc	ggtcacctcc	ttgccctgct	cgttcacagc	1020
cttcatggct	gggtagtagg	tgatgatctc	ttccaggggc	tgccccgaca	ccaggtaggt	1080
cttgaggcgc	ctgatgatga	cacaggagtc	atttagttgt	tgcgagcttt	ctccttctctg	1140
ggccaccagg	atgggcacct	ttctgtagga	ggagaacttg	atctcagccc	tgcgctcagg	1200
gttcacctcc	accacctggg	agggcagggc	atggaagtgc	aggaaggctc	ggaccccgct	1260
gcagaaggga	cacgtcgtgt	actggtacag	ggtcagctgc	aggcggtgc	acagggagag	1320
ctgagcggct	gag					1333

```
<210> 4288
<211> 1966
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1157)
<223> similar to gi4240227 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	4288					
gcagattttac	cattttccag	tgagtttttc	actctatggt	ataactggct	tccttccaag	60
caaatgcctt	gcaaaaagaa	tgaagaaaat	gaggactctg	tattttcaacc	aaaccagccg	120
ttagtagatt	ctatagactt	ggatgcagtg	tcagccttac	ttgcaagaac	atcagctgag	180
ttgttagctg	tggaacaaga	attagcacia	gaagaagaag	aagaatcagg	acaagaagag	240
ccaaggggcc	cagatggaga	ctggctaaca	atgctaagag	aggcctctga	tgaaattgtg	300
gctgaaaaag	aggctgaagt	taaattgcc	gaggacagta	gctgtacaga	agatttaagt	360
tcatgcacta	gtgtgcctga	gatgaatgaa	gacgggaaca	ggaaagaaa	caactgtgcc	420
aaagaccctca	gaagtgcagc	acctaactaga	ataccaacac	tggttgacaa	agagacaaac	480
actgatgaag	ccgctaata	gcaatattgg	gcttcgcccc	aagagcgcag	cagcctgagc	540
tctagacagc	atccgtttgt	gaggagcagt	gtgatagtgc	gctcacagac	cttttctcca	600

```

ggagagcgga accagtacat ctgcagggtta aatcgggagt acagtgacag ttcaaccctg 660
gctaaaaaat cactgtttgt gagaaactcc accgaacgcc gcagtttgag ggtcaaaagg 720
acggttttgcc agtcagtcct tagaagaaca acacaggaat gccagtgcg gacatctcta 780
gacttagaac tggaccttca ggcattctctg acccggcaga gccgcctcaa tgatgagctg 840
caggcgctga gggacttgcg gcagaagctg gaggaactga aagctcaggg agagactgac 900
cttccaccag gcggtgctgga ggatgagagg ttccagaggc ttctgaagca agctgagaag 960
caggctgaac agtccaaaaga agagcagaag caaggctctga atgcagagaa gttgatgagg 1020
caagtctcca aggacgtgtg tccggtccgg gagcagagcc agaagggtgcc tcggcagggtg 1080
cagtccttca gggagaagat tgcctacttc accagagcaa agataagcat cccatccctg 1140
ccagctgatg atgtgtgatt acatgactta agaaattatt ttttcatctg ttcaactttct 1200
tagggagggt aaaagactga agatttgtgt ttttgttttg gggtttggtt ttttttggtt 1260
acgtaactgt caactcttga agaactttta tttcacatca gattttcaac acattaattt 1320
gtaaaagtacc ttgagtgtaa tttttatatg cttaaaaaag aaaaaatcat ataagaaaga 1380
tgggataaacc tggtagacaa atgttgccca gtatgtgctg attgccagtg gacttcattt 1440
tgtaaaaatg gaatagaggc agtaccacac ttgtgtactg ttgagccggc gtttgagaaa 1500
caacttggtt cagccgggtg ttttgcttct cctttgtgtt cctgtgagta ggctgtgccg 1560
atggcagcag cgccacgtgg tatctgtgctg ctggcgagga gaggagcgct ttccatttgg 1620
aggcagtggt agcacacgct ggagtgcagc gttccaaaag ccgcccgaag tggatgctgc 1680
gtccacggcc atcacctgtg cgggaacacc tggtttccct aagacaattt cctttttgtc 1740
cttttatatt tttctaaaga aaactaagat ataaactacc aagtgtctctt aagaataaaa 1800
ataagaataa gaatacaaag gagcactact cttggctaca cgaaagatct tgggattcat 1860
gacactgagg gcagggagaa gaaagaacac cagccacgca gagatacaaa taagctcatc 1920
aaatgagcag ctggtttgtc tcaactcagcc tgaatttgca ttaagt 1966

```

<210> 4289

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1555)...(1358)

<223> similar to gi4753766 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4289

```

ttaactttca aaacagtaaa caatttttatt tatattttatt gtatacatat acaagaaaaa 60
tacttatatt tatttttata tcatcatttt aaaattgaaa ttaatttgta gatataccta 120
atcaacatct gtaagaattt caaaattttc aaaaagccag ataagccaat ttattttattt 180
aaaactatta ataggcatat cactaagatt atatgacagt aaaaaaatga gaagattaac 240
atatttgctt attagtgtaa acattattac actatattha gctttgtgta gagctttaca 300
tatcaaaata tttaatatat aatactattt gttatgcagg ttttctaata ccttaaaattt 360
ttactatgta agcaattatt tgatgaattt accatttctca aagattgaga ctgaaaagca 420
gttcaactgat cttacttttc gaaccagcat ctcttttattt ttctacagta aattatactt 480
ttgattatag agataagaat tatgagtatt catcattttt aaagaataaaa catataaatc 540
ttctttaagt gtactatcaa ataaatttta taaactcagt aattatcacc acatattttca 600
aatagttact aatcccaaaa atatctgttc accttgaata tcttactgac atgttctcta 660
tgtgagaaaa aaaatagttt cttttgttat ttgatggcaa tcatgagaaa ggtcttttta 720
tcatcaagaa aacagaaaaa agtattgggt gagtgatggc agaaatgtag gccatgacat 780
ctagatgagg tctatggaaa tacagcaaac ttttctaagc ataatgccat gtcatcatta 840

```



```

ggcagacaga gaagcgtgtg ctggagactg aacttgtgga ccatgtactg cagaaactga 1260
ggactaaagt cactgatgaa aggaatggca gagaagcttc cgataatctt gcagtgc aaa 1320
atctgaaggg gtcattttct aatgcttcag gtttgtttga aatccatgga gcaacagtgg 1380
ttcccattgt gagtgtgcta gccccggaga agctgtcagc cagcactagg aggcgctatg 1440
aaactcaggt acaaactcga cttcagacct cccttgccaa cttacatcag aaaagcagtg 1500
aaattgaaat tctggctgtg gatctaccca aagaaacaat attacagttt ttatcattag 1560
agtgggatgc tgatgaacag gcatttaaca caactgtgaa gcagctgctg tcacgcctgc 1620
caaagcaaag atacctcaaa ttagtctgtg atgaaattta taacatcaaa gtagaaaaaa 1680
aggtgtctgt gctattttctg tacagctata gagatgacta ctacagaatc ttattttaac 1740
cctaaagaac tgtcggttaac ctcatcctaa cagacagagg cttatactgg aataatggaa 1800
tgttgtacat tcatcataat ttaaaattaa attctaagaa gaggtgggt gcagtggctc 1860
acacctttaa tcccagcact ttggggganc caaggcagga agactgcttg aaaccaggga 1920
gtttgagacc agcctgagcc aacaaagcaa gacccccatc tctataaaaa ctaaaaaaat 1980
tagttgggca tgggtggcaca tgcctgtagt cccagctact ccagaggctg agatggatca 2040
tctgagcctc aggagggttg ggctgcagtg agctgtgact gcgccactgc actccagtct 2100
gggacaacag agcaagaccc tgtctta 2127

```

```

<210> 4291
<211> 856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(546)
<223> similar to gi498983 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4291
cccacgcgtc cgactttttta cagtaatcac ttattttttt gtggttaattg gcattgcccc 60
aatTTTTatc ctttatgaat tggattcacc actctgctgg aatgaagttt ttatagggtta 120
tggatcagct ttgggtagtg cctctttttt gactagtctt ctaggaatat ggcttttttc 180
ttattgtatg gaagatattc atatggcctt cattgggatt ttaccacga tgacaggaat 240
ggctatgacc gcgttttgcca gtacaacact gatgatgttt ttagccaggg tgccgttcct 300
tttcaactatt gtgccattct ctgtttctacg gtccatgttg tcaaaagtgg ttcgttcgac 360
tgaacaaggt accctgtttg cttgtattgc tttcttagaa acacttgag gagtcaactgc 420
agtttctact tttaatggaa ttactcagc cactgttgct tggtagcctg gcttcacttt 480
cctgctgtct gctgggtctgt tactacttcc agccatcagt ctatgtgttg tcaagtgtac 540
cagctggaat gaggaagct atgaacttct tatacaagaa gaatccagt aagatgcttc 600
agacagagcc tgttaagctg ctattgatag tggagctta tatactgtga cttctgaaga 660
ctatacatga attcccaat cagtgttttg ttgatacaaa atccttaaaa gggaggcact 720
ttaaagaata tgtatttttc acttttctta atatgtttca tgggtgacag gcatgataat 780
atttctatat gtaatgggta attgggaaaa aatagatgat aaataaaatt gctctaaaga 840
agttaaaaaa aaaaaa 856

```

<210> 4292



<211> 1371  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1371)...(1131)  
 <223> similar to gi3413874 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4292  
 ttttttttta agaagacagg gatctcacac tatgctgccc aggctggact cgaactacta 60  
 ggcccaaagc catcctcctg tgtaaaccac ccgagtagct gggagtacag gtgtgcacca 120  
 ccatgcctgg gctttgtagc atgtttaaag gaacctaggt gatttagtca aaagagaaca 180  
 ctgcatgaac caaggcctca ggtgcttctt gctgccttca tttccacaga ggagaacaca 240  
 gggatttaga ggagatggaa acatttttcta ggcagttatt gaataacgga tctttggagg 300  
 agttcgtgga gtagtgtaac cagaaagtct ttaaaattaa acccatctta atcgtttgta 360  
 agtgtagatg gggggacttg ggaaatctcc ggggcctaata catggctcgc aaaaggagtg 420  
 acattaatag ctttgagat ggtgtcttcc tctcctttcc caggttaagt tcaagcagta 480  
 acagcagagg ttctacctcc ttccatcgag tctttaagct ggacccgggg gaaaataact 540  
 gttagggaaa agaggcaagc atccaaccca ctcgagctgt gggctgacag tcccactggg 600  
 atcgtcccat ggagacaatt gcaagtcttt tgcattgagct aaaccccgct ccacatggaa 660  
 ccgaagggtgc tcattgtcag ctaccacgca atgccattat cacctttcag cccaagtgcc 720  
 acagaccaac actggctata ctccaatgag gtgtggcatt cgggttcttc tgccttcagg 780  
 tcacaacctt tctgactcag ctgggctaca ttaaacctga agctctgtac aatgtggaga 840  
 gcggtgttgc cttcattaca agtgggtgcag cattggattt tcaagtaagt ctaagtgttt 900  
 ctattgtcct taaaatgaca tatgtccagt tatttaaaaa aattacaaaa tacaatgcc 960  
 cgtgttaatt tagctagtct cagacattac attcgacaac atagaaaagc caaaagatct 1020  
 ccagttataa gcacaaaact aaggaaagt atggatcagt gacttttgtc actaatccat 1080  
 tttctttttt aagtcacctc cttttatggc cttgcttggc tggtttttac attgtgcatg 1140  
 acttgtctgt tggaccctgg ggaggtgggg caggtcctat ggtaggattt gtttttggaa 1200  
 gaacagcagg ttttggccta agggctggag gcttcagctg cacgcccatt ctgggtgcc 1260  
 ccataggctt gaaagtactc attgtgtcac tggaggagct cgtgtctacgt cgaatctgag 1320  
 gctcggagct cctgagggca acgttgtgca aagggtctgag agattccggt c 1371

<210> 4293  
 <211> 2141  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1910)...(720)  
 <223> similar to gi5257133 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4293

tttttttttt	ttattaca	cgccagttgg	ttcttttttt	aattacattt	aaaaaagaca	60
aaggcatgga	gctgtatgga	tgacacacct	tgaccactga	cgaggaagat	ttcactcagc	120
cacgtctcag	tggagtctca	gaggggaggg	tttccacaca	gcacggtgcc	aagggccagt	180
cttgacgctg	tcatagacaa	tgacatgcaa	gccccagccc	tggtcgtggg	ttcaggtggc	240
cctccaacac	tgagctgtcc	cgggacgcct	gccgggctcg	ctgagggcag	ggccgggact	300
tgctcaggtt	gctgggtggt	catgaaggag	gatcggtctt	gccagatcaa	actccaccct	360
gcagcaatta	gcaaggacca	ggccctggtc	tgctgaggct	ccactgctgg	ccctgggttc	420
tcggcttttc	gttgctgatg	actcctacgc	tggcctctga	aatactccct	gtgtcttagt	480
tcaggggtga	agacacggaa	tatctttatt	gtcgagaaaa	aattaacttt	gcacaaaagg	540
aggtgctcat	cagagagctt	ttcaatgaga	cccccatgtg	ttccactaga	ggccctgctc	600
agcccagccc	gtgtcctccc	agcgtggggc	ccaccctgct	cattacgtac	attgaccaag	660
acccttcaac	ctcgtcccga	cccagcacag	ggtgttcttt	gccacactct	tgttcttagt	720
ttttcggatc	aagatgtccc	agctgtcttt	ccagcgaagg	gccttgagtt	catgtggcga	780
gagtgaactt	tccccgtagg	tgagtgggcg	cagcgtgttg	gacacgtggc	acgcggagga	840
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gtcgctgatg	tgctgcagga	ccacaggagag	cagaaggatt	tggaaaggtga	gtgcgggcag	960
gtagtgttag	aggaagagtg	tcttctccat	caggaaagac	gggaggtatg	tcactgcccc	1020
gccaccggca	cacagcggcc	cagccagcac	ccagcgcagc	caggcatcct	gagggaggctc	1080
atggacattt	cttcgccgctc	ggagcaggta	ccacaaggac	agcagggcgt	agatggccag	1140
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gaatctcgcc	atgaagctga	ggttcctgct	gacgtccacc	tgcgcaggtg	agtgcagctc	1380
ccgttcccgc	tcctctctgct	cctggctcgc	gccgtatcgg	tgctcctcca	cgttccacac	1440
cgtgctcccg	tggtagcccc	gggacagctt	ctccccgacg	atctccagtt	gccgataccc	1500
ccagtcaagg	aggtgagccc	cgctcagctt	taagacagcg	gaagtgttca	cgtgcacaaa	1560
gcggacctct	gagaggatgg	tcttccagac	gtctgtgtca	gatcctctgt	tcacaatttc	1620
cagtctccag	aggttctggg	cgggcatgga	gatgttatag	tcaatgtagc	aggagacctc	1680
ctgtgaatgg	gggctcaggg	gggctgcaac	atcatgcgtg	ttcagggagc	gggtggtcat	1740
gccgtggacc	agctgcacca	tgtccccgtg	cctcacaggt	ctcggaaggc	tgctcaccac	1800
cagctgggtg	ctcctgggat	cctttacaat	ccaccagtta	ttgacgtctt	tgaaggggta	1860
acaggtcacc	tgttgctggt	gggagctgcc	tcggccgttc	tcatatctgt	gtgaagtcaa	1920
caaaagatg	tatctggggc	aggcgcggtg	gctcaggcct	gtaatcagag	cactttggga	1980
ggctgaagta	ggataactgc	ttgagcccag	gagtttgaca	ccagcctggg	caacatagtg	2040
agacctgtg	tctattttatg	agaaaaagaa	aagaaaggaa	aagaaacgta	tctggaagtg	2100
ggtaatcgat	cgggccccaca	cgcttttctc	ctaaaacgaa	a		2141

```
<210> 4294
<211> 1456
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (29)...(993)
<223> similar to gil665761 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 4294  
cgacgcagtg tcgtggaatt cccactggg ccagtataag ctgacctttg acaaaqccag 60

```

agaggcctgt gccaacgaag ctgcgaccat ggcaacctac aaccagctct cctatgccca 120
gaaggccaag taccacctgt gctcagcagg ctggctggag accgggcggg ttgcctaccc 180
cacagccttc gcctcccaga actgtggctc tgggtgtggtt gggatagtgg actatggacc 240
tagacccaac aagagtgaag tgtgggatgt cttctgctat cggatgaaag atgtgaactg 300
cacctgcaag gtgggctatg tgggagatgg cttctcatgc agtgggaacc tgctgcaggt 360
cctgatgtcc tccccctcac tcacaaactt cctgacggaa gtgctggcct attccaacag 420
ctcagctcga ggccgtgcat ttctagaaca cctgactgac ctgtccatcc gcggcaccct 480
ctttgtgcca cagaacagtg ggctggggga gaatgagacc ttgtctgggc gggacatcga 540
gcaccacctc gccaatgtca gcatgttttt ctacaatgac cttgtcaatg gcaccaccct 600
gcaaacgagg ctgggaagca agctgctcat cactgccagc caggacccac tccaaccgac 660
ggagaccagg tttgttgatg gaagagccat tctgcagtgg gacatctttg cctccaatgg 720
gatcattcat gtcatttcca ggccctttaa agcaccocct gcccccgta ccttgacca 780
cactggcctt ggagcaggga tcttctttgc catcatcctg gtgactgggg ctgttgccct 840
ggctgcttac tcctactttc ggataaaccc gagacaatc ggcttcagc attttgagtc 900
ggaagaggac attaatgttg cagctccttg caagcagcag cctgagaata tctcgaaccc 960
cttgatgag agcacaacct cagctcccc agaaccttcc tacgaccctc tcacggactc 1020
tgaagaacgg cagcttgagg gcaatgaccc cttgaggaca ctgtgagggc ctggacggga 1080
gatgccagcc atcactcact gccacctggg ccatcaactg tgaattctca gcaccagttg 1140
ccttttagga acgtaaagtc ctttaagcac tcagaagcca tacctcatct ctctggctga 1200
tctgggggtt gtttctgttg gtgagagatg tgttgctgtg cccaccagc acagcttctc 1260
cctctgaccc tttggctctt cttcctttgt actcttcagc tggcacctgc tccattctgc 1320
cctacatgat gggtaactgt gatctttctt ccctgttaga ttgtaagcct ccgtctttgt 1380
atcccagccc ctagccaggt gcctgacaca ggaactgtgc acaataaagg tttatggaac 1440
agaaacaaaa aaaaaa 1456

```

<210> 4295

<211> 1600

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(1200)

<223> similar to gil504042 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4295

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ggcacgaggt ttgaaccatg agtggacatt tgaaaaactc aggcagcaca tttcacgcaa 60
cgcccaggac aagcaggagt tgcactgtgt catgctgtcg ggggtgcccg atgctgtctt 120
tgacctcaca gacctggatg tgctaaagct tgaactaatt ccagaagcta aaattcctgc 180
taagattttct caaatgacta acctccaaga gctccacctc tgccactgcc ctgcaaaagt 240
tgaacagact gcttttagct ttcttcgaga tcacttgaga tgccttcagc tgaagtacac 300
tgatgtggct gaaattcctg cctgggtgta tttgctcaaa aaccttcgag agttgtactt 360
aataggcaat ttgaactctg aaaacaataa gatgatagga cttgaatctc tccgagagtt 420
gcggcacctt aagattctcc acgtgaagag caatttgacc aaagttccct ccaacattac 480
agatgtggct ccacatctta caaagttagt cattcataat gacggcacta aactcttggt 540
actgaacagc ctttaagaaa tgatgaatgt cgctgagctg gaactccaga actgtgagct 600
agagagaatc ccacatgcta ttttcagcct ctctaattta caggaactgg atttaaagtc 660
caataacatt cgcacaattg aggaaatcat cagtttccag catttaaaac gactgacttg 720
tttaaaatta tggcataaca aaattgttac tattcctccc tctattaccc atgtcaaaaa 780

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```

cttggagtca ctttatttct ctaacaacaa gctcgaatcc ttaccagtgg cagtatttag      840
tttacagaaa ctcagatgct tagatgtgag ctacaacaac atttcaatga ttccaataga      900
aataggattg cttcagaacc tgcagcattt gcatatcact gggaacaaag tggacattct      960
gccaaaacaa ttgtttaaat gcataaagtt gaggactttg aatctgggac agaactgcat     1020
cacctcactc ccagagaaaag ttgggtcagct ctcccagctc actcagctgg agctgaaggg     1080
gaactgcttg gaccgcctgc cagcccagct gggccagtgt cggatgctca agaaaagcgg     1140
gcttggttg gaagatcacc tttttgatac cctgccactc gaagtcaaag aggcattgaa     1200
tcaagacata aatattccct ttgcaaatgg gatttaaact aagataatat atgcacagtg     1260
atgtgcagga acaacttcct agattgcaag tgctcacgta caagttatta caagataatg     1320
catttttaga gtagatacat cttttaaaat aaaacagaga ggatgcatag aaggctgata     1380
gaagacataa ctgaatgttc aatgtttgta gggttttaag tcattcattt ccaaatcatt     1440
tttttttttc ttttggggaa agggaaggaa aaattataat cactaatctt gggtcttttt     1500
aaattgtttg taacttggat gctgccgcta ctgaatgtta acaaattgct tgcttgctaa     1560
agtaaatgat taaattgaca ttttattact aaaaaaaaaa      1600

```

```

<210> 4296
<211> 1351
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1352)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1310)...(316)
<223> similar to gi4929575 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4296
agagttaatt atgtctttga taaaagactc aaatccagaa ctgggggttga gaaaaaaaaa      60
tcaagactgt ttcatagggt ataaaaagac agatgcaacc atacatttaa tttttaaaaa     120
tggaatgtat cttacataag gattttgtga aaaatcttat acctatctga gtattacaga     180
agatgcatat accttcaga gctcatggag gaaagagtgt ataaacaatt ttgataagga     240
gttgaaaaac aatttgaaaa tagtttacaa agagagaatc aggaggcaga aaaagcttca     300
agaggcatgg tcttcagaaa ttgttctgga atgctgtttc acttgatatc atgtcatgtt     360
cctggttcaa tttcttgaac tccaccactt ggaagaagac gtgctcaagg atatgtttgg     420
catcctgttg gtcctttggg agtttactgg ttactccaag aatatcacca cacttcctga     480
cataaaattc caggtcttct tcagtacact tattggtaat ctgagccagc cgtgccttct     540
cagaggagaa cgtttcatct aaatcaaata gctccagagg aggaggtggt aactccgga     600
aactgggagg aaaaaccgca ggctgaaggg ttggcagcgg cgtctcaaac tgaggctgga     660
tgagctggag tggttcatgt ttcacattta gctgctcgtg agcctcgatg acgctgtgga     720
aggaggtggt atccagctgg aagatggaca ggtcgaagag ggtggtaaag tcccttgga     780
tctcatcact ctctggaga cactctcgat tccgctttga taggggtggc gtgtagggca     840
gcatcatgta gtcagaaatc tctgggtcct cagcatcaat ctgggttagg tggatgtctc     900
ctgtcgtgag cacttgaaa acaacatcca tgattttgct gttttcttct ttgtccaaat     960
attgatcact gaacatgtga catgaaccaa gcactgccag cttccacctt tgggtctttg    1020
agtgatagaa agccaaaatg ggtctgttaa gtgggaagca gacagaacct gtagacagaa    1080

```

```

ccgccactgc tggtttcatg acactcaatg tggcaccaaa aggatacaca aaggtgagag 1140
cctgggcatt gtttccactg ctttcctcat caatgatccc aggcacagcc tttcctgcag 1200
ctcggctaata ttcctgttc aagactccac tggaaactag agcttcttta ggatggaaat 1260
atttgtgata tacatttcta accacagcat cattattaac catgattccc ctctgtgcaa 1320
gcttggcgta ngcagggtcca tcaagtttca t 1351

```

<210> 4297

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (80)...(319)

<223> similar to gi3452572 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4297

```

ggcacgagtg catctttatc atgagtaaag cttagaaata atcagggtact ttaacttgta 60
ctggttcttt catggaaaag gaccaaactc ttaccagga tctactggag cagctgttgg 120
agcccatgac gcctgtcggg atgcaaaaga gaagcgctct aaaagccaag atgcagattc 180
acctggaagt tctggggccc ctgaaaactt gacattcaag gaacgccagc gtcttttttc 240
acaaggtaaa gatgtatcca ataaagtga agcttctcgt aaattaacag aactggagaa 300
tgaactgaac acaaagtga agaaaatgag gagaacactt tgtatttacc ccaaaatctt 360
ttcagttgtg ggttttagg tgcgagttt aagaggaaaa gaggaagggg gttatatattc 420
taagtgattt acaatttctg tttctaaaat tgttgggatt tagaaatgtt tcaattccaa 480
gaaattttat tttactttac catgagattg ccatttatgt aatttaaaca ctgtctagtt 540
tcttaattat ctaactcaca cgagggtaa ttttttgttg gtttcttttt tggagtcttg 600
agttcaaagg ggacagaact aagggcagga gaagagaatg gatgtgtctt ctctcccatc 660
ttcccctcat catcgaccga ggagcacaaa gaagtctctg ttctgttttt ttcagaaact 720
ttatttttagc tgtcaagcag agaatagctt gaactattca gactattgtt ggcactgttt 780
agtagtgacc acacgctctt ctaccggga aggaacatat gacgacatgc tcctcccatg 840
tcccctgatg gtgtctgttc ccacaatatc cttctagtct gcatcgtgaa gtggccttagg 900
ccaaagcttc ctgtgtgatg acgcacgtcc gagactgttc catctcattc ctgcaaatt 960
tgagctcttc tgatcaattc taaatatttg attaatttta attctgaaag aaaattttga 1020
ggatttaagc ttaggggatt ttatttttat aaataccaga ttattgttag acttaataaa 1080
tcaactgttaa atttaaagat gacagttacc ttggaaagtt cactaatact tcggctccag 1140
ggcgtctgtt aaaggaggat atctttattg ggagccaatg tttcatgttg actggggaat 1200
tgaccagaag aatgggagat gaggtagggac ccctgttacc attc 1244

```

<210> 4298

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

0940725.04400

<221> misc\_feature  
 <222> (1)...(1783)  
 <223> similar to gi5262557 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4298

gagactgaca	atgatttgac	aaaggaaatg	tatgaaggaa	aagagaatgt	atcatttgaa	60
cttcaaagag	acttttccca	ggaaacagac	ttttcagaag	cctctcttct	agagaaacaa	120
caggaagtcc	actcagcagg	aaatataaag	aaggagaaga	gcaacaccat	tgatggaaca	180
gtgaaagatg	agacaagccc	cgtggaggag	tgttttttta	gtcaaagttc	aaactcatat	240
cagtgtcata	ccatcactgg	agagcagccc	tctgggtgta	caggattggg	gaaatccatc	300
agctttgata	caaaactcgt	gaagcatgaa	ataattaatt	ctgaggaaag	acctttcaaa	360
tgtgaagaat	tagtagagcc	ctttagggtg	gactctcaac	ttattcaaca	tcaagagaac	420
aacactgagg	aaaagcctta	tcagtgttcg	gagtgtggca	aagctttcag	cattaatgag	480
aaattaattt	ggcatcagag	acttcacagt	ggggagaaac	ccttcaaattg	tgtggagtgt	540
gggaaaagct	tcagctacag	ttcccattat	atcacacatc	agacaatcca	cagtggggag	600
aagccctatc	agtgtgaagt	gtgtgggaag	gccttcagtg	ttaatggaag	cctaagtagg	660
catcagagaa	tccatacggg	agagaagccc	tatcagtgc	aggaatgtgg	aaatggcttc	720
agctgtagtt	ctgcatatat	tacacatcag	agagtccaca	ctggagagaa	accttacgag	780
tgtaatgact	gtgggaaagc	gttcaatggt	aatgcaaaat	taattcaaca	tcagagaatc	840
catactggag	agaaaacctta	tgaatgtaat	gaatgtggaa	aaggcttttag	gtgcagctcc	900
cagcttaggc	agcatcagag	catccacaca	ggagaaaagc	cctatcagtg	taaagagtgt	960
ggaaaaggct	tcaataataa	tacaaaactc	attcagcatc	agagaatcca	cacaggtgag	1020
aaaccctatg	aatgcaactga	atgtggaaaa	gccttcagtg	tcaaagggaa	gttaatccaa	1080
caccagagaa	ttcacacagg	cgagaaaccc	tatgagtgt	atgaatgcgg	gaaagccttc	1140
agatgtaact	cccaatttcg	gcagcatctg	agaattcaca	ctggggagaa	gccctatgag	1200
tgtaatgagt	gtggaaaggg	cttcagcgtt	aatgggaaac	taatgcggca	tcagagaatt	1260
cacactgggg	agaaaaccttt	tgaatgtaat	gagtgtggga	gatgctttac	ttctaaaaga	1320
aacctacttg	atcatcaccg	aatccatact	ggagaaaagc	cctatcaatg	taaggaatgt	1380
gggaaagcct	tcagtatcaa	tgccaaacta	actaggcatc	agaggataca	tactggggag	1440
aaacctttca	aatgtatgga	atgtgagaaa	gcattcagct	gtagttctaa	ctatattgtg	1500
caccagagaa	tccatacagg	agagaaaccc	tttcagtgt	aggagtgtgg	aaaagccttc	1560
catgttaatg	cccatTTaat	tcggcatcag	agaagccaca	ctggggagaa	acccttcaga	1620
tgtgtggaat	gtggcaaagg	cttcagcttt	agttctgact	acattataca	tcagacagtc	1680
cacacttgga	agaaaacctta	tatgtgtagt	gtgtgtggga	aagcattcag	gttttagcttc	1740
cagctcagtc	agcatcagag	tgtccatagt	gaaggaaaat	cctaataatg	agaaagatat	1800
agaaaactct	taaggTTaat	gccaaaatgg	atcaagtatc	atcagattca	tccattgaaa	1860
aacctccaag	agggcatgaa	tatggcagag	tcttcatatg	gaaacagttt	ttattctatt	1920
cagttttaa	caggaaagga	tgaccagtta	aagagaaaca	tccaaaaata	gctttgtttt	1980
gtaccaacag	gaattagaaa	atataatgaa	aagatttctg	tcccagcagc	atcaagaaaa	2040
gtagattttc	tagaaataaa	cagttatgga	ggacttgat	ggagaaattt	aagtcttcac	2100
tgaggggccac	tttacaagg	aaatttgaat	aaatggagag	agagagaagc	cttggtgttg	2160
gataggaaaa	cccgtactaa	agatactcta	cctacattaa	tttatttgtt	taatttttga	2220
caacaagcat	gtattacttt	tgaaaagatg	aaaaataaag	ttttatttaa	aaaaggaaaa	2280
aggtatgagt	acatttttaa	ttttcatgta	attgagaaaa	ccttttctaag	tattagatga	2340
aagctagaaa	ctatccacag	ggtatgtact	gataaattga	ctactcaaaa	actaaatatt	2400
cctgtatggt	tttgttttaa	agtttaaaag	ataaagcgca	aaatgggg		2448

<210> 4299

<211> 1822

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(1375)  
 <223> similar to gi4529890 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4299  
 ctgggcccct ggtgctggtg ctgatcctgg gagtgctggg cgtgctggca tacggcatct 60  
 actactgctg ggaggagtac cgagtgctgc gggacaaggg cgcctccatc tcccagctgg 120  
 gtttcaccac caacctcagt gcctaccaga gcgtgcagga gacctggctg gccgccctga 180  
 tcgtgttggc ggtgcttgaa gccatcctgc tgcgtgatgct catcttcctg cggcagcgga 240  
 ttcgatttgc catcgccctc ctgaaggagg ccagcaaggc tgtgggacag atgatgtcta 300  
 ccatgttcta cccactggtc acctttgtcc tcctcctcat ctgcattgcc tactgggcca 360  
 tgactgctct gtacctggct acatcggggc aaccccagta tgtgctctgg gcatccaaca 420  
 tcagctcccc cggctgtgag aaagtgccaa taaatacatc atgcaacccc acggcccacc 480  
 ttgtgaactc ctctgtgcca gggctgatgt gcgtcttcca gggctactca tccaaaggcc 540  
 taatccaacg ttctgtcttc aatctgcaaa tctatggggc cctggggctc ttctggaccc 600  
 ttaactgggt actggccctg ggccaatgcg tcctcgctgg agcctttgcc tccttctact 660  
 gggccttcca caagccccag gacatcccta ccttccccct aatctctgcc ttcattccgca 720  
 cactccgtta ccacactggg tcattggcat ttggagccct catcctgacc cttgtgcaga 780  
 tagcccgggt catcttgagg tatattgacc acaagctcag aggagtgcag aacctgttag 840  
 cccgctgcat catgtgctgt ttcaagtgtc gcctctggtg tctggaaaaa tttatcaagt 900  
 tcctaaaccg caatgcatac atcatgatcg ccatctacgg gaagaatttc tgtgtctcag 960  
 ccaaaaatgc gttcatgcta ctcatgcgaa acattgtcag ggtggtcgtc ctggacaaag 1020  
 tcacagacct gctgctgttc tttgggaagc tgctggtggt cggaggcgtg ggggtcctgt 1080  
 ccttcttttt tttctccggt cgcattcccgg ggctgggtaa agactttaag agccccacc 1140  
 tcaactatta ctggctgccc atcatgacct ccactctggg ggcctatgtc atcgccagcg 1200  
 gcttcttcag cgttttcggc atgtgtgtgg acacgctctt cctctgtctc ctggaagacc 1260  
 tggagcggaa caacggctcc ctggaccggc cctactacat gtccaagagc cttctaaaga 1320  
 ttctgggcaa gaagaacgag gcgcccccg acaacaagaa gaggaagaag tgacagctcc 1380  
 ggccctgata caggactgca cccaccccc accgtccagc catccaacct cacttcgcct 1440  
 tacaggtctc cattttgtgg taaaaaaagg ttttaggcca ggcgccgtgg ctcaagcctg 1500  
 taatccaaca ctttgagagg ctgaggcggg cggatcacct gaggcaggag ttcgagacca 1560  
 gcctggccaa catggtgaaa cctccgtctc tattaataat acaaaaatta gccgagagtg 1620  
 gtggcatggc acctgtcatc ccagctactc gggaggctga ggcaggagaa tcgcttgaac 1680  
 ccgggaggca gaggttgtag tgagccgaga tcgcgccact gactccaac ctgggtgaca 1740  
 gactcttgct tccaaaacaa aacaaacaaa caaaaagatt ttattaaaga tattttgtta 1800  
 actcaggtaa acaaaaaaaaa ac 1822

<210> 4300  
 <211> 1883  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1361)...(675)

<223> similar to gi3043548 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4300

tttttttttt	ttgccaatca	aagcacacaa	ctttattgat	gatacacaca	gatgcggact	60
tgggtggaag	aggttaagtc	ggtacaatag	accagaagag	cagtgcactt	tttttgatga	120
ataggttcac	tatccatcag	gcgcgtgtag	aagaaagagc	aaacggaaaa	ataattcaac	180
ctaaggctgc	aacaaatgca	ttttcaggct	caagcccgcg	atattgcctc	tgggtctctg	240
gcaaagcggg	tcccgccttg	ggacagggga	gaccacccac	caggccaacc	aataggcact	300
cgtggatgct	ggtaatttga	tgttctcccg	tccacaggca	gggcagctgg	aagttgatcc	360
cctccaccac	atggaaggag	gctggcaagg	ggaggaattt	tacaatggcc	aacatttgcc	420
ttgcaagact	tgcacaaccc	aagaagttta	ctcaaaagct	ctggtgggga	gcccctggcc	480
tgggccaata	aggagtgtgg	tccctggatt	gaacccctgg	aactttccac	cccaatgaag	540
gtggtgaatt	ggcctaaggc	tggatcttca	gtagcaccct	ctgcagattc	tttgacatct	600
gcaaaccaag	cgcgttgttg	gtggattccg	tcccattgtg	ttcgagaggg	ccgtttatgg	660
ggcaggggtt	tccaggagaa	tctctctgtt	tccattttctg	ataaagaggg	acatgaatga	720
gaagagcatc	tgggcaccga	ctaactcccc	cgccaagact	ggcttttcag	acaaacccat	780
cagcggtttc	aaaacctgaa	ccttagcaca	tccacttccc	tctgatatca	aaggaaactt	840
caagtctgaa	gcggacttgg	caagcatgtt	attaataact	gtcatgctta	ttaacaaatt	900
taatccggcc	tgctgcagaa	atgagttgca	gcaacgtgac	acagtctccc	gacacacttc	960
attgatgtac	atcttaatct	ggccctgact	ttcaatactc	gcatttaagt	tatccggggc	1020
acacaaagcc	tctctaacag	tggggtctgg	agtggggctc	gtgtttctag	ccattgagag	1080
gctggccaaa	tggctattga	tatcctggct	aatgggaaag	cccgcacctt	tgggctcggc	1140
aaacaacagt	tttccctgaa	tgaaaagaca	cttggagagg	tccagaacac	aactgccatt	1200
tttacaattt	tgagcactcc	aagtattttt	atgttcatag	gggaatggcc	gctgttttat	1260
tgggtgtgct	cggttggcct	tgcctcccc	tgagggcctg	tcctcagtg	cacctggggc	1320
cccaggttca	gtccaatccc	catcctcagt	ccaggggccga	gccatagttt	caaaatcaaa	1380
ccaaatatca	ggctcctcct	catccagctc	ctggtcacgt	tcccactcct	cttccccctc	1440
ctcctccagc	ttctcactgt	catctcttcc	tatggtcagt	ttgtaaacgc	agtagcaggc	1500
accagcccca	atcatcagtc	ctgccgccat	ccaacccact	tcccgaagcc	ggcccatgct	1560
caagtctgtg	ccagccttgg	ggcaggacag	gagagggcct	tgctccacct	gattgaagag	1620
gtctctcagg	tccagggtga	gtaaggatgg	agggtagcag	tcttcagctt	cttccaggct	1680
cttgtagctc	tcttgtgatg	aatctgcaag	gttccaacca	aggcagtttt	ctccttctct	1740
cgtgaaact	tgtgccgaaa	cctacaggcc	aacagaccta	caaacctgca	cggtcggagc	1800
tagtttcctt	ctttcttcac	acgcctgcag	agtaataggg	ggctggtacc	cagacggagg	1860
cgactagcag	gacttgtgct	tta				1883

<210> 4301

<211> 1901

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1639)...(26)

<223> similar to gi4426607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 4301

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tttttttttt tttaagactc tggtatgatt ttattttcttc aattgtttcca atcacagttt    60
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tctgcatttc tgagtttcca ggctccaata gcagttctgt taagaacaga cagccagtat    180
cactctgagc actgaggtat gctttccatg gccgagaccc agccctactc attgcatgag    240
tctggatggt cactacttga agagccatct ggaggggtgc aggatggaat tctccccgcc    300
aaggcaacac ttgctgatga gcaactttta ggctaagcca agtttttctca aaataatcag    360
cagtaagctg gcgattgggg actagcatga gggctccaga atcagggagt tcttgtagcc    420
tctccttggt ctcttcagga atcaagggtc ctgatgcggc aaaggatgaa gttttaggaa    480
gctctgggtc acaacgctct gccccctggc atttagagat agttgccagc tgggctttgc    540
catacactgg caccagtgtg ttgaagtctg aggccagctc attcacaggt ctttctgccg    600
gatcctccaa aagtccaaga gtagggctcag atttagggct acacagaatc cgcttaactt    660
catcaatgcc aactaagagg aggcgataat agaagagacc tcggtcccg tccagccatc    720
ctttttcttc ctctatgcag taatacaaca aacgtcctag catgtcctgg cactcagcag    780
gtcgggagag gaaaaggcgc agcaaagcag tgagcagctc catcttaaca gctggaaatg    840
tttccgactt cacattctca acaaaagtcct ctaacacata aggagcatta ggaattcttt    900
ccccatggac accaagtagc caaataagtg cttgcttccc ctactatct tgaatgttct    960
cttcacagcc gggcagggcc tgacatacag cttcagtaca ctgaggacac aaccaaacca   1020
ggctctcgaa agtctgcacc accactgtgg taatgtgctc ttgtcgaaga cccagcaact   1080
ctgttaaaat ctgaacacat tgatctgtgt aagtcctggc aatgccacct atggcaaaga   1140
tggcagcctg tgcaaagtcc gcagacacat ccgtgcagta ccctcgaagc tcctctagca   1200
cctgtgcac attctcatcg ttcaccagt cccacagcac ctccactttc ttaggtttga   1260
tgtagtgggg ctccgagtag gagcaaaaaa actttttgta gtggctgcta aagtgcacct   1320
gtaaaactat caagatctgg cgtacatgac aaagagcaac aaaacagagc tcacggctct   1380
ctgaagaaca ggcagctagc aaagggtccct tgacccgcac aaggacatca gtttgtagct   1440
ggggaacat ttttgccaag atcagaaaaa gtttggtagc tcccatcacc acacctgggc   1500
tactgctctt gaggaacta tccaacagat tgagaatgct aaatagttct tcctcactgc   1560
ggggttggtg gcgtagcaga aagttcaata cttcagcctg gccccattgg tccagttttg   1620
acattctatc caaaaaagaa acaaaaagag ctatttttagc acaaaaatta ggaccatttc   1680
catgccactg ccatatgacc aggtggttgt tcatcatagc aaaggagaga ttcttaaaaa   1740
taggctgtgc cataattaag tcacttttca tgtactatct aaagtttaca caaaaaaggc   1800
ttaaaattcc aagatgagtt gttaatacaa atgcacactc ctctaagacc aaagacatga   1860
tcagcataca ctgggtccag gttccttaca ttttaagaca c                    1900

```

<210> 4302

<211> 2458

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2182)...(1728)

<223> similar to gi289610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4302

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ctgcgctggc cctaaagttt cttacttttt aaagaaaaca acttttggtg ggattatgaa    60
tatacttagg aggttaaagt gtgaaatgag gcaggacttg gttaggtgaa aagtagcatc   120
ttattttggg taatattata atttatgttt tttagacttc ccttagaaat ttttttaaaa   180

```

tatacatatg	gcaccccttga	actcccttaa	actctttttat	ttgtataaat	ttatagggtta	240
ccagtacaat	tttattttcat	gcataaattg	tgtagatgaa	cccaagttct	atgtaaattc	300
tgtgtatgta	gattttttctg	gggagagggg	ctagttttctt	catgacccat	aaaaatttaa	360
taaatactat	cttaggggtat	aaagattatg	aattaaaagt	ttaccaattg	ttatgtttata	420
agcaagggtta	agggtcagtg	ggtacagaac	tttcaagaca	gaataggatc	atctgttttta	480
aatttttttac	agaaaaattgc	cacctttaat	aatgtaaaaa	cagtgattaa	tcaggaatga	540
taaagcaaga	aattccttagg	aaagctacaa	aatgatagaa	tgtatccagg	gaagtatttt	600
caactgtgat	atttgggtctt	aaattcaatt	attattaggt	aaactgagtg	agttctacct	660
tgtttctaga	atttgttaagt	tattctgagt	aaagcctctt	ccattgactt	ggccacattg	720
cccacctttg	attttatata	taatagttct	ttcaacttag	attgcaaacg	atgagaactg	780
agttttttaa	accacttaca	atctggaaca	tttcctttta	ttcctgggtga	ccggggaatg	840
cagagggtgtg	gctgttatct	ctttctgact	gctgcagccc	acagggagag	ctaatacatga	900
agaatagttt	tacagaaact	tgtatgaaat	cttaatttta	ttagcatggg	ctggtaaactg	960
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gctggcctttc	aaaacataag	tggaaatgaa	aaattattgc	actgcatata	atgcctcttg	1080
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caccaaatacc	caagtcctcc	aagcgtcaac	agcttcctta	ctgcagtgcc	agtgtgtccc	1860
aaacagaatc	gatccacacc	aaaacatccc	aggaagaagg	agtagagtaa	agtggttatg	1920
aagtagtgtc	cggatatact	tatacaaggt	ttattttctc	gtagaaagggt	cctaggactg	1980
gcacactcaa	ttccattcta	ggcatggcac	tggactgaag	tgtgttccac	gtcgtctgtg	2040
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acatgatcca	ctgggtcttc	acattctata	aattcatcag	gtaggtaaga	gcagaggatg	2160
accggagagt	gggggtcgcc	atattccag	ctcgcagcac	ccccggggcc	ctccggctgg	2220
gcggcgccag	cggatgtgag	ctcaggctca	gcgggtcgat	tttgcgagt	gctccgagac	2280
acacaatgca	gcagaagtaa	attccccagc	agcaaagccg	cctggccgca	cagaagtaag	2340
taactaaccg	ggcaaccacc	tagcaccatc	ttcccgggca	caggagcgga	gacccggcct	2400
caaccacaac	cccaggccag	cagcacagac	ccaagaactg	cgtgggtcagg	ccacgaaa	2458

<210> 4303

<211> 3555

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1648)

<223> similar to gi5777948 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400>	4303					
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gacaggatcc	gaagcaaagt	tgagctgact	cgatacctgg	gccctgcgtg	tgatctcacc	180
ctcttcgact	tcaaacaagg	catcttgtgc	tatccagccc	ccaaggccca	tcccggtggcg	240
gttgccagca	agaagcgaaa	gaagccttca	aggccagcca	agactcggaa	acgtcagggtt	300
ggaccccaga	gtggtgaggt	caggaaggag	gccccgaggg	atgagaccaa	ggctgacact	360
gacacagccc	cagcttcatt	cctgtctcct	gggtgctgtg	agaactgttg	aatcagcttc	420
tcaggggatg	gcacccaaaag	gcagcggctc	aaaacgttgt	gcaaagactg	tcgagcacag	480
agaattgcct	tcaaccggga	acagagaatg	tttaagcgtg	tgggctgttg	ggagtgtgca	540
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aggagccgag	ggtgtggagt	atgccggggc	tgtcagacct	aagaggattg	tggccattgc	720
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acagagccgc	accccagagc	cctggccccc	tcgccacctg	ccgagttcat	ctattactgt	960
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cttggcccta	ccttgaagcc	caccttggct	acacgcacag	cccaaccaga	ccatacccag	1140
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gtgtttttac	gggaaggcgc	aagcagtcct	gtgcagggtg	cgggccctgt	tgacgcttcc	1260
acagaagccc	tggtgcagga	ggcccagtcg	tctggcctga	gttgggttgt	ggccttacct	1320
caggtgaagc	aagagaaggc	ggatacccag	gacgagtggg	caccaggcac	agctgtcctg	1380
acttctcccc	tattggtgcc	tggtctgccct	agcaaggcag	tagaccccag	cctgccttct	1440
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tccaaatttg	cccagagga	agaggcagga	ggggctggca	caccctgtgat	cacggagatt	1560
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gaactgctat	ttggtgtgtt	cctctgtgga	cccagtttat	ttaatcctta	aaataatatt	2160
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ttgttcttta	ctccactaaa	ctgtaacctg	taatcctgta	tgactaaca	ggagttttcg	2340
gtgaccttga	aaacacagat	tactataatt	actataataa	atcccttaca	ttcctgtctc	2400
tagcatgggt	tagggagtgc	caaggctcaa	tgtagatggg	gtcaccttgt	cagagcatct	2460
gttcatacag	aaactgggtt	tctgtcagac	cccagggtgt	gcataggatt	cctcaaacc	2520
tacaggatat	atctccccac	tggtgtgtgt	ccattttgt	tgttaccctg	actccccctc	2580
ttcagccaga	gcagtctttg	taactaaagc	tgccagcctg	gctcatcttt	cctgacaacg	2640
tgcatctcct	gccctgtgat	cacctttgtg	cttggtcctg	gccctcagcc	tgaatgtgtt	2700
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ctcactctct	cccaattctt	cattcataaa	gggccaataa	gattagacct	gtaatttggt	2820
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ctcccttgcc	ttaccctagt	cccagccctg	cagctttaag	taattcagac	atggattagc	2940
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ttccatccta	actagttcag	ccctagtcaa	gactggatag	actgatactg	ctttgtttcc	3060
cccaggaacc	aaccacccaa	cccagttatt	ctggtaattt	tgacaatgat	ctatatgaaa	3120
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acaatcagag	gagcagaacc	actaagataa	agattatgta	tatatgtatt	ttaaagggatt	3240
tattataggg	atctgaccgc	atgccattgt	gggagctggg	taaacagctc	ctgtaaggct	3300
gttgtctttg	catctaattgc	tggagcttga	agtctgcagg	gcaggcactc	gggaaggga	3360

gatggatgta	aagtgtggga	gaccgaggac	acagtggagc	ccacgagcac	gagctggaac	3420
ccacgaggat	ggcctggaac	ccatgtcagt	ctctcaccac	ctccagcttc	gatgatgtgg	3480
gtgtcctgca	gaagaagctg	gtgcccttcc	tcacagagtt	aaatatgcat	ctggcccagg	3540
aattagagaa	gctga					3555

<210> 4304

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(480)

<223> similar to gi5453263 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4304

cttatatctc	agatacactg	ggtcaagtct	acaaaagtaa	aataagatgg	tggatagagg	60
aaaacggagg	aaacgggaac	atttcagttg	atgatcta	tgctcttttg	gatttagcag	120
aacatgcctc	aagtgcattc	aaagaatctc	aacagcaaag	tgaagataga	gagtatgaag	180
tgaaggaaag	attgtatccg	aagtcaaaaa	ggcggatga	tacttacaat	atagctgggt	240
atcaaggaga	gatagaagtt	gggctttaca	caatccaaat	tctccagctc	attccttttt	300
ttgataataa	aaatgagcta	tctaaaagat	atatgggtcaa	ttttgtatca	ggaagtagtg	360
atattccagg	ggatccaaac	aatgaatata	aattagccct	caaaaactat	attccttatt	420
taactaaatt	gaaattttct	ttgaaaaagt	cctttgattt	ttttgatgaa	tactttgtcc	480
tgctaaaacc	caggaacaat	attaagcaaa	atgaagaggc	caaaactcgg	agaaagggtg	540
ctggatatatt	taagaaatat	gtagatatat	tttgtctctt	agaagaatca	caaaacaaca	600
caggtcttgg	atcaaagttc	agtgagccac	ttcaagtaga	gagatgcagg	agaaacctag	660
tagcttttaa	agcagacaag	ttttctgggc	tcttggaata	tcttatcaaa	agtcaagagg	720
atgctataag	cactatgaaa	tgtatagtga	acgaatatac	ttttctctta	aaac	774

<210> 4305

<211> 1517

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (154)...(513)

<223> similar to gi4914615 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4305

ccgggcagcc	actgttttaa	agtaaacaca	ccacacatca	acttggggca	gctttgtaag	60
cagcttcgca	agccctgaaa	cttctggctg	gtagggatgc	cagctaaacc	agatggcatc	120
aaacagtga	atacaggcct	ggctttcaga	cttgatgata	cacccctga	agactccatt	180
cctttggtct	ttccagaatt	agaccagcag	ctacagcccc	tgccgccttg	tcatgactcc	240
gaggaatcca	tggagggtgt	caaacagcac	tgccaaatag	cagaagaata	ccatgaggtc	300
aaaaaggaaa	tcacccctgt	tgagcaaaag	aagaaggagc	tcattgcca	gttagatcag	360
gcagaaaagg	agaagggtga	tgctgctgag	ctgggttcgg	aattcgaggc	tctgacggag	420
gagaatcgga	cggttgagggt	ggcccagtc	caatgtgtgg	aacaactgga	gaaacttcga	480
atacagtatc	agaagaggca	gggctcgtcc	taactttaaa	tttttcagt	tgagcatatc	540
aggctgatga	ctgccctgtg	ctggccaaaa	gatttttatt	ttaaataaat	agtgagtcag	600
atctattgct	tctctgtatt	accacatga	caactgtcta	taatgagttt	actgcttgcc	660
agcttctagc	ttgagagaag	ggatatttta	aatgagatca	ttaacgtgaa	actattacta	720
gtatatgttt	ttggagatca	gaattctttt	ccaaagatat	atgttttttt	cttttttagg	780
aagatatgat	catgctgtac	aacagggtag	aaaatgataa	aaatagacta	ttgactgacc	840
cagctaagaa	tcgtgggctg	agcagagtta	aaccatggga	caaaccata	acatgttcac	900
catagtttca	cgtatgtgta	tttttaaatt	tcatgccttt	aatatttcaa	atatgctcaa	960
atttaaactg	tcagaaactt	ctctgcatgt	atttataatt	gccagagtat	aaacttttat	1020
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tcacagtaaa	catctctgcc	tttgctctgt	tgtgttctgg	gggagggggg	acatggaaaa	1260
atattgtttg	gacattactt	gggtgagtg	ccatgaaaac	atcagtgaac	ttgtaactat	1320
tgttttgttt	tggatttaag	gagatgtttt	agatcagtaa	cagctaata	gaatatgcga	1380
gtaaatccag	aattgaaaca	atttctcctt	gttctacct	tcaccacatt	ttctcaaatt	1440
gaactctttg	ttatatgtcc	atttctattc	atgtaacttc	tttttcatta	aacatggatc	1500
aaaactgaaa	aaaaaaaa					1517

<210> 4306

<211> 1339

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1340)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1339)...(878)

<223> similar to gil651201 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4306

tttttttttt	ttgattctta	acatatttta	tgaaactcga	gcttcataaa	ccagtgaat	60
gcctaccctt	atggagacgg	ggagctggtc	atgggaccca	ggtgcctgga	ggacatccca	120
gtggctttga	aggctccagc	cagtcaagac	ggtcaatatt	agcccttctg	ccaacatctg	180
gcaatgtgag	gctgggggtg	acgttggcct	gatgttgcca	ggagtaggat	gctgatgctg	240
ccagagagta	ggtggggtcc	aaaccccagg	cttctcactt	gcttactaag	cacagcagtc	300
tgaagcttgg	gacctgggca	gtgcgtcttt	ggagaaggca	aaaaagccac	agcagcaaca	360

cttaggagca	agacccttcc	cgctctccac	cctatttct	cccctgaaga	agagcaacag	420
ctcaagctct	agcatggcac	agaacgctag	gttgggccag	gcaagcagcc	atggtggggc	480
caggtgaagc	aatgtgggtc	tcagcaagga	acccctctga	aggtggcagt	ggctcccagg	540
gctgctgcac	actggacacc	acaacttttg	catcagctgc	atggtgagct	gcagagtggg	600
cagaggggct	ggggccctgc	caagagagca	aggccagacc	tgcccagcgg	gaggcaggaa	660
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actgggacat	ctggggacag	gctctgttct	tgggagagca	ggtcaccagg	atttgtaggg	780
ctgctgccg	gtgacagaca	cgtaagtcac	agggaaaggc	cgggatccag	gcctcagctg	840
tagcagcagc	tgtctgtcgg	tcaggatccc	cggctctggg	cgcttccaag	atgaagccag	900
aaggatgtag	agcaccagca	gccc aaaggc	caccaccagc	atcccgggtg	tggtggcaaa	960
gaccgcctca	ctgggcaggc	tgtggtatgg	cctggtggtg	tttttcaaac	tgaagaaaag	1020
cttctcatta	atgcccgaag	tgacggatgc	gatggacaga	gagaggatgg	cggctccaaa	1080
aaagacgtgg	ataggtttta	ggaggctgcg	cagccacatg	gacgcccagg	gcaggaggaa	1140
gacagcaaa	cccaggaacc	tctggcaggc	gaagaggaag	acagtgggtg	tgcccagcca	1200
gctgtgaagg	gagtagaggt	tggcagtcct	tccatggttg	tgaaacgtaa	agacagcaac	1260
cagccccaca	acagtgagga	cgaaggccgn	nttcncaag	gtnctcaaag	atctcagttt	1320
nnnnnnnnnc	ggnactcct					1339

<210> 4307  
 <211> 6050  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(5531)  
 <223> similar to gil504002 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 4307	
ggcttcccca	cgaggaggacg
acaaggagcg	gcacggcggtg
ccctgcagat	cggcgatgtg
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aagtgacagt	tgagaaaaga
cacaagaagt	gacaacgaca
ccagcaaaaa	ggagcggttt
ggtcccagct	tctctcagga
tcacgtccaa	aattgactat
aagacgaaa	tatcttgga
aggaagcaac	tgataaaatc
attatgcaat	gtattcccgg
gaaactttgt	gtgcagaatt
acaagcaaac	ggtcataagt
aggagattga	gatgctcaac
tcaacaggga	taaaatttac
aggatactgg	tgcaaagaag
tgatataaac	agacatcatc
ttccttttca	cccgtttaca
tagcctccaa	gggggacagt
cgagggccccg	gcccagccat
acttccaagg	cagcggagcc
aggagacgtg	tggagactgg
tttttcctaa	gtcatttatc
agaacatcat	tcctgcagaa
cttggaacat	ctctatgtgg
gtacgatctg	atggagtggg
gaaggaactg	aagcagaaaag
tgatttgatt	gtcagagatg
cagcttggtc	catgcacatg
aatgtcaaaa	gaccagccag
tagcctctat	gtgtttgtga
catgtctctc	tacgacccca
gggagccgg	ggcttcccta
ggatcttgga	aacaaagacc
ggtcggcaag	atggatctta
gccccttggg	gtggcagtta
tgaagaaaag	cagcacttca
cagcctgctg	ggcaaagtca
gacctgaag	atgctggtgg

gtgacatcat	tcagattcgc	aaggactatc	cacacctggt	ggacaggacc	accgtggtgg	1260
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aatccatgag	acggctcttt	gaatccatca	acaatctgat	gaaaagtcaa	tacaaaacta	2400
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tggctctttga	tgcgaagtta	ctcagccaac	tcctgtatga	gttctacacc	tgcacccctc	2520
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Run with FASTXY 3.3t00, default parameters

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